2024 Qualifying Events Report

December 14, 2024 Event

Filed on March 14, 2025



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Event Description

Event Date and Time

Start: 12/14/2024 05:00 End: 12/16/2024 08:20

Event Type

Wind

Service Areas Significantly Affected

Island, Skagit, Whatcom, and Kitsap service areas. The ECC was not activated for this event.

Number of Customers Affected

System wide, approximately 120,922 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages for the Event	567
Transmission Line Segments Affected	9
Impacted Substations	1

Mobilization Summary

Regional Operating Bases and ECC (Emergency Coordination Center) Activations

Region	Date Opened	Time Opened	Date Closed	Time Closed				
ECC	N/A							
ISLAND	12/14/2024	09:00	12/16/2024	14:30				
KITSAP	12/14/2024	07:30	12/16/2024	08:00				
KITTITAS		N/A	4					
NORTH KING		N/A	4					
PIERCE		N/A	4					
SKAGIT	12/14/2024	09:00	12/16/2024	14:30				
SOUTH KING		N/A	4					
THURSTON		N/A	4					
VASHON	12/14/2024	07:30	12/16/2024	08:00				
WHATCOM	12/14/2024	09:00	12/16/2024	14:30				

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 (Alpha + 2.5 * 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 2024: 7.6 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)
12/14/2024 5:00:00 AM - 12/16/2024 8:20:00 PM	567	44,488,619	1,251,302	35.6

YTD Qualified Events - First Day the Daily SAIDI Exceeded TMED of 7.6 Minutes

Date	Daily SAIDI (from midnight to midnight)	Total O&M Costs
1/9/2024	27.4	\$6,118,049
2/15/2024	17.4	\$3,300,143
6/03/2024	10.9	\$1,762,370
8/17/2024	11.8	\$1,674,776
11/04/2024	17.7	\$2,356,475*
11/19/2024	737.7	\$49,930,082*
12/14/2024	12/14/2024 35.6	

*Updated

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)

2024 YTD Restoration Costs Detail - By Storm Event (includes ALL storm events regardless of QE)

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)
1/8/2024	\$0	\$1,827,129	\$0	\$6,118,049	\$6,118,049	\$7,945,178
2/15/2024	\$0	\$422,052	\$0	\$3,300,143	\$3,300,143	\$3,722,195
4/20/2024**	\$0	\$96,029	\$444,985	\$0	\$444,985	\$541,014
6/3/2024*	\$1,180,563	\$352,134	\$0	\$581,807	\$1,762,370	\$2,114,504
8/17/2024*	\$1,674,776	\$610,182	\$0	\$0	\$1,674,776	\$2,284,958
10/18/2024**	\$0	\$467,273	\$1,262,681	\$0	\$1,262,681	\$1,729,954
11/04/2024*	\$2,356,475	\$805,723	\$0	\$0	\$2,356,475	\$3,162,198
11/19/2024*	\$49,930,082	\$13,505,455	\$0	\$0	\$49,930,082	\$63,435,537
12/14/2024	\$2,321,940	\$972,777	\$0	\$0	\$2,321,940	\$3,294,716

^{*} Costs updated since last report

2024 YTD Storm Restoration Cost Summary for All Events as of this Report Event

Qualifying Events Deferred Account	Capital Costs	O&M Costs - Not Deferrable	O&M Costs - Deferrable Accumulation	Total O&M Costs	Total Costs
\$57,463,836	\$19,058,753	\$1,707,666	\$10,000,000	\$69,171,501	\$88,230,255

^{**} Non-qulifying Event; Costs associated with these events are not deferrable

Detail Information for Current Event

Restoration Costs Detail

Active Outages Chart

Detailed List of Distribution Circuits with Outages

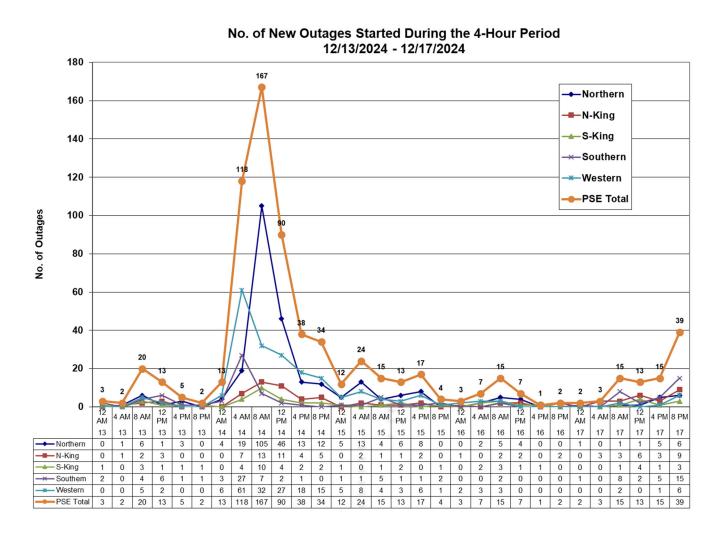
Terms, Codes and Definitions Used on Detail Reports

Restoration Costs Detail - Current Event

		Qualifying Storm D	Damage Repair Co	sts		
		December 14th Qua	alifying Storm Dar	mage Repair Costs		
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST	\$0	\$13,096	\$0	\$11,728	\$11,728	\$24,825
ОТ	\$0	\$6,687	\$0	\$455,198	\$455,198	\$461,885
Total Labor	\$0	\$19,783	\$0	\$466,927	\$466,927	\$486,710
Labor OH	\$0	\$135,367	\$0	\$1,427	\$1,427	\$136,795
Materials	\$0	\$153,061	\$0	\$82,819	\$82,819	\$235,880
Contractors	\$0	\$649,253	\$0	\$1,555,165	\$1,555,165	\$2,204,418
Other Direct Char	\$0	\$151	\$0	\$22,236	\$22,236	\$22,388
Fleet	\$0	\$0	\$0	\$0	\$0	\$0
Other Assessment	\$0	\$15,161	\$0	\$193,365	\$193,365	\$208,526
Deferred Expenses	\$2,321,940	\$0	\$0	(\$2,321,940)	\$0	\$0
	\$2,321,940	\$972,777	\$0	(\$0)	\$2,321,940	\$3,294,716

ST: Standard time OT: Over time OH: Overhead

Active Outages Chart



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 co	ode 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						
	<u> </u>						
Equipment (EQT)	Affected by, or involved in the outa						
	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					
OLIOT OLIT (OLIOT OLIT)	ORE – Regulator						
CUST OUT (CUST.OUT)	outage record	stomers without power for any given					
CUST MIN (CUST. MIN)		ber of minutes customers were without					
(0001.101114)	power for any given record	25. 5. miliates easterners were without					
	, , , , , , , , , , , , , , , , , , ,						

Media & Communication Coverage

FOX 13 News

Nearly 70K lost power as gusty winds moved across Puget Sound region Saturday

By Ramsey PfeffingerPublished December 14, 2024 10:13am PSTSeattleFOX 13 Seattle

SEATTLE - A series of weather patterns causing high wind gusts, heavy mountain snowfall, and persistent lowland rain are moving through the Puget Sound region this weekend.

Thousands of people across western Washington remain without power, this according to utility outage maps. The areas impacted include Seattle and surrounding communities.

Communities like Renton's La Rosa Meadows neighborhood was still in the dark Saturday night, despite an estimated restoration time of 3 p.m.

Transportation officials Saturday morning were cautioning drivers to be on the lookout for flying debris, hanging stoplights and downed trees.

Keep reading for what to know about the power outages going on around the region.

"It's pretty bad out here," said Danny Waldreb.

Waldreb lives in Renton. His neighborhood has been without power since 11 a.m. Saturday.

That's when heavy winds toppled a nearby tree. As it fell, it took down power lines. The tension from those wires led to at least one power poll snapping.

"It woke me up," said Waldreb. "I heard the cracking of the pole. It looks like the tree took everything down. I have wires still attached to my house. Cable also got ripped out. Repair is going to need some TLC."

Power outages across Puget Sound region on Dec. 14

As of 10 a.m. Sunday, power outages were still impacting about 4,000 customers, down from a peak of nearly 70,000 midday Saturday. Puget Sound Energy outage map show highest outages around Bainbridge Island, Whidbey Island, and areas west of Vashon Island.

MYNORTHWEST

Utilities restore most power outages that impacted thousands in Western Washington

Dec 14, 2024, 10:37 AM | Updated: Dec 16, 2024, 5:37 am

BY STEVE COOGAN

Former MyNorthwest Lead Editor

Crews with multiple utilities — including Puget Sound Energy (PSE) and the Snohomish County Public Utility District (Snohomish PUD) — have restored power to tens of thousands of customers after high winds once again blasted Western Washington.

As of 5 a.m. Monday, just 427 homes and businesses in Washington remained impacted by power outages, the website poweroutage.us confirmed. At 10 a.m. Sunday, 4,355 customers in Washington were affected by power outages, That is down significantly from the first part of the weekend when at 1:45 p.m. on Saturday, 80,676 Washington customers were impacted. There were nearly 95,000 homes and businesses impacted late Saturday morning.

Looking at specific utilities, PSE saw the largest number of customers affected, according to its outage map. At 5 a.m. Monday, the utility reported 43 "active outages" and 279 customers impacted. On Sunday morning, crews had restored power to all but about 4,000 of those customers. At 7:30 p.m. Saturday, there were more than 28,000 homes and businesses were impacted and more than 60,000 affected earlier in the day Saturday.

There were no reported Snohomish PUD outages as of 5 a.m. Monday. There were about 75 homes and businesses impacted as of Sunday at 10 a.m. On Saturday evening, the utility reported about 1,800 customers were without power. Earlier Saturday, more than 15,000 homes and businesses dealt with outages.

Just before 6 p.m. Saturday, a statement on the Snohomish PUD website explained that its "crews will continue working through the night to restore power." Since the heaviest winds had subsided, the utility anticipated a majority of remaining outages would be be restored by midnight.

Previously on Saturday. Snohomish PUD reported it had "20 line and service crews working to restore outages caused by high winds knocking trees and branches into wires." At that time, utility asked area residents to "assume all downed wires are energized everyone should stay at least 30 feet away."

Seattle City Light reported on its outage map that at 1:45 p.m. Saturday, 923 customers were without power and there were 25 "active events." By 7:30 p.m., 190 customers were without power and there were 9 "active events." By Sunday morning, City Light crews had restored all but two local outages affecting Seattle neighborhoods. That remained the case as of 5 a.m. Monday morning.

The National Weather Service (NWS)' Weather Prediction Center released information indicating the arrival of the cold, windy, wintry mix early Saturday. "A Pacific storm system and accompanying strong flow of moisture/Atmospheric River continues inland over the West (Saturday) morning bringing heavy rainfall,

mountain snow, and gusty winds to central/northern California and the Pacific Northwest," the Weather Prediction Center statement reads.

As of 7:30 p.m. Saturday, the wind advisory that had been in effect for much of the Puget Sound region had been removed, the NWS Seattle stated. At 2:40 p.m. on Saturday, most of the region — from Bellingham through Seattle and Tacoma down to Olympia — remained in that advisory,

The NWS Seattle reported some high wind speed numbers on X around 7:35 a.m. Saturday. The wind speed hit more than 50 miles per hour (mph) in Olympia, Bellingham and on Whidbey Island, more than 40 mph in Everett and 33 mph at Seattle-Tacoma International Airport (Sea-Tac Airport).



Some peak winds so far this A.M. (mph):

Crystal Mt: 101 Sunrise (Rainier): 85 White Pass: 64 Destruction Is.: 62 Port Townsend: 62 Quillayute: 62 Hoquiam: 62 Smith Is.: 59 Olympia: 56 Bellingham: 55 Whidbey Is.: 53 Hurricane Ridge: 49 Everett: 41

Sea-Tac Airport: 33

Detailed List of Outages – First TMED-Exceeding Day

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12051918	12/14/2024	12:26:45 AM	LOL-21	ECD	TV	ОСО	340	87,119
12051708	12/14/2024	12:26:45 AM	LOL-21	ECD	TV	осо	1,228	314,654
12051647	12/14/2024	12:31:14 AM	PMA-16	ECE	EF	UPC	2	996
12052481	12/14/2024	12:34:27 AM	HLC-23	EAD	UN	осо	2	5,607
12051718	12/14/2024	12:34:27 AM	HLC-23	EAD	TV	осо	1,577	950,791
12051753	12/14/2024	12:34:27 AM	CPV-13	EAD	TV	осо	616	277,292
12052156	12/14/2024	3:19:32 AM	YEL-26	ECC	TV	осо	1	1,152
12051691	12/14/2024	3:19:32 AM	YEL-26	ECC	TV	осо	37	4,861
12051773	12/14/2024	3:31:13 AM	BLU-15	ECC	TV	осо	41	48,543
12051662	12/14/2024	3:36:55 AM	LAB-25	EAA	TV	осо	1	342
12052278	12/14/2024	4:20:26 AM	POU-13	ECE	TV	осо	32	1,569
12051848	12/14/2024	4:20:26 AM	POU-13	ECE	TV	осо	4,569	223,959
12051664	12/14/2024	4:31:41 AM	ALG-15	EAC	TV	осо	17	13,655
12051701	12/14/2024	4:35:10 AM	BUC-26	ECA	СР	ОРО	440	17,893
12051918	12/14/2024	4:43:58 AM	LOL-21	ECD	TV	осо	340	12,478
12051708	12/14/2024	4:43:58 AM	LOL-21	ECD	TV	осо	1,228	45,068
12051690	12/14/2024	5:00:25 AM	AIR-22	ECC	TV	осо	38	25,279
12051578	12/14/2024	5:03:20 AM	PAT-13	ECC	TV	осо	1,329	100,383
12051692	12/14/2024	5:07:45 AM	FRU-22	ECA	EF	OFU	3	219
12051721	12/14/2024	5:13:40 AM	YEL-23	ECC	TV	осо	68	34,444
12051580	12/14/2024	5:19:31 AM	OBY-17	ECC	TV	осо	186	60,731
12051841	12/14/2024	5:19:57 AM	LON-23	ECC	TV	осо	13	4,889
12051782	12/14/2024	5:20:14 AM	TAN-16	ECC	TV	осо	15	17,016
12051705	12/14/2024	5:30:24 AM	LAC-13	ECC	TV	осо	273	160,911
12051833	12/14/2024	5:31:16 AM	BLU-17	ECC	TV	OCN	1	312
12051764	12/14/2024	5:31:39 AM	PAT-16	ECC	TV	осо	15	4,483
12051871	12/14/2024	5:37:23 AM	MCA-15	ECC	TV	OFU	2	708
12051650	12/14/2024	5:38:04 AM	BLU-17	ECC	TV	ОСО	194	34,131

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12051717	12/14/2024	5:40:52 AM	CHA-16	ECC	TV	осо	15	18,080
12051540	12/14/2024	5:44:34 AM	MAX-12	EAD	TV	OHR	1,266	88,430
12051729	12/14/2024	5:49:18 AM	TAN-13	ECC	TV	OCN	5	5,980
12052300	12/14/2024	5:55:29 AM	SIN-23	ECD	TV	осо	25	46,928
12052251	12/14/2024	5:55:29 AM	SIN-23	ECD	TV	осо	7	12,096
12052218	12/14/2024	5:55:29 AM	SIN-23	ECD	ND	осо	92	118,849
12051706	12/14/2024	5:58:02 AM	KAP-15	ECA	TV	ОРО	20	1,547
12052122	12/14/2024	5:58:31 AM	PMA-16	ECE	TV	осо	10	17,468
12051695	12/14/2024	5:59:00 AM	VAS-13	EBL	TV	осо	15	1,681
12052372	12/14/2024	6:03:50 AM	SIN-22	ECD	EF	OTR	4	7,505
12051693	12/14/2024	6:20:09 AM	FRA-12	ECD	TV	осо	1,386	525,892
12051724	12/14/2024	6:20:09 AM	FRA-12	ECD	TV	осо	2	5,072
12051723	12/14/2024	6:23:54 AM	FCH-24	ECA	TV	осо	24	3,368
12052276	12/14/2024	6:25:02 AM	LOL-25	ECD	TV	осо	22	33,649
12051688	12/14/2024	6:27:04 AM	CHI-16	ECD	TV	осо	807	186,363
12051738	12/14/2024	6:32:34 AM	ROL-13	EBJ	TV	осо	1	178
12051713	12/14/2024	6:33:42 AM	HKX-16	EAC	TV	осо	42	2,363
12051737	12/14/2024	6:36:37 AM	RIT-16	EAC	TV	осо	8	885
12051837	12/14/2024	6:39:47 AM	PRI-23	ECC	TV	осо	12	4,456
12051905	12/14/2024	6:40:04 AM	BHL-12	ECE	TV	осо	131	117,234
12051711	12/14/2024	6:41:40 AM	SME-12	EBE	TV	осо	237	82,131
12051760	12/14/2024	6:47:27 AM	GRV-16	ECA	TV	OFU	14	3,284
12051703	12/14/2024	6:47:44 AM	SPA-17	ECA	SO	UEL	3	821
12051720	12/14/2024	6:49:43 AM	SLA-16	EAA	TV	осо	39	74,654
12051765	12/14/2024	6:51:59 AM	ZEN-25	EBJ	TV	OSV	1	328
12051742	12/14/2024	6:52:09 AM	WLK-13	ECA	TV	OFU	77	6,223
12051712	12/14/2024	6:54:18 AM	CHI-12	ECD	UN	осо	259	122,157
12052216	12/14/2024	6:54:28 AM	MUR-13	ECE	TV	осо	11	21,392
12051710	12/14/2024	6:55:51 AM	GAR-16	ECA	TV	осо	8	12,156
12052341	12/14/2024	6:57:06 AM	MCW-17	ECE	TV	осо	58	98,771

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12052721	12/14/2024	7:01:00 AM	PGA-12	ECE	EF	OTR	1	3,715
12052384	12/14/2024	7:01:13 AM	MIL-16	ECE	TV	OFU	34	68,015
12050105	12/14/2024	7:01:49 AM	SWD-12	ECE	SO	осо	3	536
12051794	12/14/2024	7:01:49 AM	SWD-12	ECE	TV	осо	322	57,541
12051735	12/14/2024	7:02:12 AM	ELD-27	ECC	TV	осо	75	28,660
12051670	12/14/2024	7:03:12 AM	COT-16	EBD	TV	осо	582	67,337
12051704	12/14/2024	7:04:28 AM	TRA-25	ECE	TV	осо	786	215,849
12051832	12/14/2024	7:04:51 AM	FLD-15	EAD	TV	осо	92	9,826
12051648	12/14/2024	7:04:51 AM	FLD-15	EAD	TV	осо	665	71,022
12052163	12/14/2024	7:04:51 AM	FLD-15	EAD	TV	осо	32	30,368
12052203	12/14/2024	7:05:01 AM	FLD-15	EAD	TV	осо	587	559,401
12051689	12/14/2024	7:05:15 AM	FLD-15	EAD	TV	осо	1,076	12,051
12052063	12/14/2024	7:06:59 AM	RPT-15	ECE	TV	осо	45	31,825
12051944	12/14/2024	7:07:00 AM	LOL-23	ECD	TV	осо	61	43,942
12051667	12/14/2024	7:09:31 AM	MUR-13	ECE	TV	осо	1,671	544,467
12051918	12/14/2024	7:09:35 AM	LOL-21	ECD	TV	осо	340	300,815
12051851	12/14/2024	7:12:21 AM	FRA-13	ECD	UN	осо	171	88,404
12051805	12/14/2024	7:12:43 AM	HOL-15	ECA	TV	OFU	26	4,399
12051730	12/14/2024	7:12:43 AM	COT-13	EBD	TV	осо	1	553
12051706	12/14/2024	7:17:45 AM	KAP-15	ECA	TV	ОРО	20	8,636
12052198	12/14/2024	7:19:32 AM	SWD-14	ECE	ND	осо	3	6,404
12052215	12/14/2024	7:21:05 AM	WIN-16	ECE	TV	осо	114	122,506
12052018	12/14/2024	7:24:52 AM	WIN-15	ECE	UN	осо	435	205,682
12052241	12/14/2024	7:26:00 AM	MIL-17	ECE	TV	осо	105	128,104
12051696	12/14/2024	7:28:01 AM	HLC-24	EAD	TV	осо	1,387	821,288
12051752	12/14/2024	7:30:03 AM	BLA-13	EAA	TV	осо	64	24,020
12052056	12/14/2024	7:30:14 AM	POU-15	ECE	TV	осо	79	87,028
12051774	12/14/2024	7:31:19 AM	EVA-27	EBJ	EF	UEL	2	1,345
12052103	12/14/2024	7:31:44 AM	MIL-16	ECE	TV	осо	17	27,443
12052142	12/14/2024	7:31:44 AM	MIL-16	ECE	TV	осо	97	71,790

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12052145	12/14/2024	7:31:49 AM	PMA-15	ECE	TV	осо	51	41,879
12051840	12/14/2024	7:33:51 AM	KIN-21	ECE	TV	осо	822	199,622
12052155	12/14/2024	7:35:43 AM	PMA-16	ECE	TV	осо	4	6,980
12051698	12/14/2024	7:36:30 AM	AIR-23	ECC	TV	осо	402	242,873
12052044	12/14/2024	7:37:00 AM	MIL-23	ECE	TV	осо	68	97,613
12052247	12/14/2024	7:37:25 AM	SIL-15	ECE	TV	осо	1	2,008
12052000	12/14/2024	7:38:01 AM	KIN-21	ECE	TV	осо	292	166,231
12052278	12/14/2024	7:39:08 AM	POU-13	ECE	TV	осо	32	54,204
12051842	12/14/2024	7:39:31 AM	LAB-25	EAA	TV	осо	13	6,563
12051847	12/14/2024	7:40:19 AM	VAS-12	EBL	EF	OTR	2	520
12052059	12/14/2024	7:40:39 AM	PMA-16	ECE	TV	осо	55	23,271
12052064	12/14/2024	7:40:47 AM	BHL-15	ECE	TV	осо	6	3,788
12052077	12/14/2024	7:40:47 AM	BHL-15	ECE	TV	осо	5	5,617
12051928	12/14/2024	7:40:47 AM	BHL-15	ECE	TV	осо	197	82,684
12052414	12/14/2024	7:41:59 AM	PGA-13	ECE	TV	осо	10	20,408
12052172	12/14/2024	7:42:52 AM	MIL-16	ECE	TV	осо	21	34,276
12052108	12/14/2024	7:43:33 AM	CHI-12	ECD	TV	осо	3	2,432
12051900	12/14/2024	7:43:46 AM	CHI-12	ECD	TV	OCN	9	1,895
12051731	12/14/2024	7:43:46 AM	CHI-12	ECD	TV	осо	1,506	250,380
12052138	12/14/2024	7:44:32 AM	PMA-12	ECE	TV	осо	8	14,821
12051668	12/14/2024	7:45:39 AM	WIN-12	ECE	UN	осо	752	337,911
12051804	12/14/2024	7:47:00 AM	SOO-25	EBI	TV	осо	15	19,056
12052367	12/14/2024	7:49:08 AM	PGA-13	ECE	TV	осо	4	7,589
12051766	12/14/2024	7:49:53 AM	PTR-14	EAA	TV	осо	112	177,720
12052137	12/14/2024	7:50:23 AM	SWD-12	ECE	TV	осо	2	3,837
12052066	12/14/2024	7:50:29 AM	PMA-15	ECE	TV	осо	13	8,855
12051714	12/14/2024	7:51:16 AM	VIS-23	EAA	TV	осо	1	600
12052111	12/14/2024	7:51:16 AM	VIS-23	EAA	TV	осо	2	1,247
12052115	12/14/2024	7:52:27 AM	FNW-16	ECD	TV	осо	68	40,815
12051985	12/14/2024	7:52:29 AM	BHL-13	ECE	TV	осо	427	255,751

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12052009	12/14/2024	7:52:53 AM	SWD-13	ECE	TV	осо	150	71,148
12051872	12/14/2024	7:53:49 AM	VAS-13	EBL	TV	осо	30	8,090
12051669	12/14/2024	7:54:11 AM	CRE-12	EAD	TV	осо	2	1,877
12051965	12/14/2024	7:56:26 AM	PMA-12	ECE	TV	OFU	33	14,567
12051964	12/14/2024	7:56:26 AM	PMA-12	ECE	TV	осо	118	49,112
12052112	12/14/2024	7:57:38 AM	VAS-23	EBL	TV	осо	8	5,087
12052280	12/14/2024	8:05:03 AM	SIL-15	ECE	TV	осо	23	43,674
12051715	12/14/2024	8:09:19 AM	HAR-18	EBJ	SO	UEL	3	1,344
12051862	12/14/2024	8:10:55 AM	LUH-14	ECC	TV	OFC	5	2,118
12052374	12/14/2024	8:14:00 AM	FRA-13	ECD	TV	осо	68	132,580
12051750	12/14/2024	8:15:29 AM	SLA-15	EAA	TV	осо	370	55,821
12051867	12/14/2024	8:16:15 AM	SLA-16	EAA	EF	осо	8	3,039
12051856	12/14/2024	8:16:19 AM	SHE-26	ECE	TV	осо	355	87,200
12051754	12/14/2024	8:19:11 AM	YEL-25	ECC	TV	осо	203	135,323
12052561	12/14/2024	8:19:13 AM	FLD-12	EAD	TV	OTF	1	3,076
12052576	12/14/2024	8:20:24 AM	PGA-13	ECE	TV	осо	5	15,597
12052311	12/14/2024	8:20:30 AM	PET-13	EAC	TV	осо	13	20,020
12051677	12/14/2024	8:21:16 AM	HKX-16	EAC	TV	OTF	179	73,930
12052005	12/14/2024	8:21:16 AM	HKX-16	EAC	TV	осо	210	86,800
12051830	12/14/2024	8:21:26 AM	MCW-14	ECE	TV	осо	21	10,398
12051743	12/14/2024	8:25:54 AM	MAN-13	ECD	TV	осо	1,119	415,783
12052547	12/14/2024	8:26:25 AM	WIN-13	ECE	TV	OTR	2	5,969
12051902	12/14/2024	8:28:26 AM	ALG-15	EAC	TV	осо	9	8,274
12052065	12/14/2024	8:30:43 AM	SIL-15	ECE	EF	осо	4	6,153
12051719	12/14/2024	8:30:43 AM	SIL-15	ECE	TV	осо	1,449	608,496
12052046	12/14/2024	8:30:43 AM	SIL-15	ECE	TV	осо	103	111,312
12052084	12/14/2024	8:30:43 AM	SIL-15	ECE	TV	осо	25	35,924
12051709	12/14/2024	8:31:02 AM	KIN-21	ECE	TV	осо	459	62,026
12051725	12/14/2024	8:33:57 AM	FRA-13	ECD	TV	осо	116	5,829
12051739	12/14/2024	8:34:05 AM	FRA-16	ECD	TV	осо	1,316	134,824

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12051776	12/14/2024	8:34:28 AM	LAB-26	EAA	TV	осо	131	80,161
12051761	12/14/2024	8:34:28 AM	LAB-26	EAA	TV	осо	778	67,786
12052008	12/14/2024	8:35:57 AM	FNW-16	ECD	TV	осо	18	8,782
12052200	12/14/2024	8:36:20 AM	PMA-15	ECE	TV	осо	1	1,016
12052147	12/14/2024	8:36:29 AM	BRI-14	EAA	TV	осо	2	1,475
12052023	12/14/2024	8:38:38 AM	SUM-22	EAC	TV	осо	6	2,348
12052030	12/14/2024	8:39:23 AM	MCW-15	ECE	TV	осо	573	437,209
12051707	12/14/2024	8:39:36 AM	MCW-15	ECE	TV	осо	1,281	228,188
12051755	12/14/2024	8:41:44 AM	HKX-16	EAC	TV	осо	36	1,967
12052013	12/14/2024	8:43:30 AM	LAU-12	EAA	EF	OTF	2	718
12051958	12/14/2024	8:45:39 AM	WIN-12	ECE	TV	осо	216	162,500
12052459	12/14/2024	8:46:05 AM	MAX-12	EAD	TV	осо	4	10,060
12052106	12/14/2024	8:46:05 AM	MAX-12	EAD	TV	осо	28	51,590
12051740	12/14/2024	8:46:05 AM	MAX-12	EAD	TV	осо	1,234	1,008,795
12051809	12/14/2024	8:46:34 AM	ORC-17	EBJ	TV	OSV	1	420
12052291	12/14/2024	8:47:09 AM	PET-13	EAC	TV	осо	7	12,676
12051863	12/14/2024	8:54:51 AM	CUS-13	EAA	TV	осо	37	5,329
12052150	12/14/2024	8:55:00 AM	CRE-12	EAD	TV	осо	127	108,579
12051747	12/14/2024	8:55:00 AM	CRE-13	EAD	TV	осо	565	555,207
12051825	12/14/2024	8:55:00 AM	CRE-15	EAD	TV	осо	890	592,057
12052127	12/14/2024	8:55:00 AM	CRE-12	EAD	TV	осо	192	112,696
12051807	12/14/2024	8:55:00 AM	CRE-16	EAD	TV	осо	808	873,219
12051788	12/14/2024	8:55:00 AM	CRE-12	EAD	TV	осо	1,088	822,238
12052326	12/14/2024	8:55:09 AM	SWA-12	EAD	TV	осо	212	363,318
12051813	12/14/2024	8:55:09 AM	HLC-25	EAD	TV	осо	1,359	563,577
12051770	12/14/2024	8:55:09 AM	HLC-25	EAD	TV	осо	1,297	556,196
12051783	12/14/2024	8:55:09 AM	SWA-12	EAD	TV	осо	1,877	873,682
12051823	12/14/2024	8:55:11 AM	HLC-25	EAD	TV	осо	1,411	749,453
12051786	12/14/2024	8:55:11 AM	HLC-26	EAD	TV	осо	278	151,394
12051832	12/14/2024	8:55:12 AM	FLD-15	EAD	TV	осо	92	122,240

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12051796	12/14/2024	8:55:12 AM	FLD-12	EAD	TV	осо	1,169	1,213,305
12051797	12/14/2024	8:55:12 AM	FLD-15	EAD	TV		1,154	960,858
12052266	12/14/2024	8:55:12 AM	FLD-13	EAD	TV	осо	4	5,707
12051812	12/14/2024	8:55:12 AM	FLD-13	EAD	TV	осо	1,039	1,041,320
12052169	12/14/2024	8:55:12 AM	FLD-12	EAD	TV	осо	2	5,833
12052168	12/14/2024	8:55:12 AM	FLD-13	EAD	TV	осо	33	50,208
12052129	12/14/2024	8:55:12 AM	FLD-13	EAD	TV	осо	536	372,330
12052160	12/14/2024	8:55:12 AM	FLD-12	EAD	TV	осо	1	2,976
12052355	12/14/2024	8:55:12 AM	FLD-12	EAD	TV	осо	63	108,864
12052207	12/14/2024	8:55:25 AM	GBK-15	EAD	TV	осо	192	248,064
12052395	12/14/2024	8:55:25 AM	CLV-16	EAD	TV	осо	264	506,440
12052148	12/14/2024	8:55:26 AM	CPV-15	EAD	TV	осо	32	25,426
12051748	12/14/2024	8:55:26 AM	CPV-12	EAD	TV	осо	1,134	326,403
12051808	12/14/2024	8:55:26 AM	CPV-15	EAD	TV	осо	1,658	382,016
12052105	12/14/2024	8:55:29 AM	BRO-15	EAD	TV	осо	7	12,434
12051777	12/14/2024	8:55:29 AM	BRO-15	EAD	TV	осо	1,837	1,509,402
12051778	12/14/2024	8:55:29 AM	BRO-16	EAD	TV	осо	619	557,523
12052302	12/14/2024	8:55:29 AM	BRO-16	EAD	TV	осо	58	89,842
12051814	12/14/2024	8:55:32 AM	FAB-17	EAD	TV	осо	1,820	576,394
12051799	12/14/2024	8:55:32 AM	FAB-13	EAD	TV	осо	1,053	261,320
12051831	12/14/2024	8:55:32 AM	FAB-16	EAD	TV	осо	263	75,599
12051824	12/14/2024	8:55:32 AM	FAB-15	EAD	TV	осо	1,830	491,661
12052007	12/14/2024	8:55:32 AM	FAB-17	EAD	TV	осо	1	2,228
12051756	12/14/2024	8:55:38 AM	MAX-11	EAD	TV	осо	126	24,715
12051700	12/14/2024	8:55:38 AM	MAX-13	EAD	TV	осо	636	559,023
12051744	12/14/2024	8:55:38 AM	MAX-14	EAD	TV	осо	98	14,519
12051678	12/14/2024	8:55:54 AM	SWA-16	EAD	TV	осо	760	319,023
12051759	12/14/2024	8:58:37 AM	LGY-13	EAD	UN	осо	1,752	1,068,595
12051679	12/14/2024	8:58:37 AM	BRO-15	EAD	TV	osw	11,461	1,474,458
12052091	12/14/2024	8:58:37 AM	LGY-12	EAD	TV	осо	17	48,561

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12052087	12/14/2024	8:58:37 AM	LGY-16	EAD	TV	осо	43	99,632
12051811	12/14/2024	8:58:37 AM	LGY-12	EAD	UN	осо	1,440	749,856
12051852	12/14/2024	9:03:06 AM	WLS-16	EAC	TV	осо	11	1,675
12052344	12/14/2024	9:06:50 AM	PGA-13	ECE	EF	OTR	3	5,310
12052230	12/14/2024	9:09:29 AM	MIL-22	ECE	TV	осо	16	24,753
12051962	12/14/2024	9:11:22 AM	GBK-13	EAD	TV	осо	18	28,369
12051769	12/14/2024	9:11:22 AM	GBK-15	EAD	TV	осо	1,736	777,959
12051946	12/14/2024	9:11:22 AM	GBK-13	EAD	TV	осо	19	24,359
12051745	12/14/2024	9:11:22 AM	GBK-13	EAD			744	269,812
12051932	12/14/2024	9:11:22 AM	GBK-13	EAD	TV	осо	608	613,756
12051846	12/14/2024	9:13:34 AM	HWD-25	EBD	TV	осо	24	16,710
12052563	12/14/2024	9:15:59 AM	RIT-16	EAC	TV	OTR	1	2,882
12052533	12/14/2024	9:16:07 AM	HKX-13	EAC	TV	осо	1	2,952
12052557	12/14/2024	9:22:04 AM	WLS-15	EAC	TV	осо	1	2,988
12051779	12/14/2024	9:23:18 AM	ROE-13	EAA	TV	OFU	43	3,675
12052149	12/14/2024	9:23:47 AM	NUG-26	EAA	TV	OTF	1	58
12051787	12/14/2024	9:26:25 AM	BLA-13	EAA	TV	осо	45	3,780
12051947	12/14/2024	9:27:20 AM	SUM-21	EAC	TV	осо	17	23,021
12051828	12/14/2024	9:30:21 AM	LON-26	ECC	TV	OFU	10	1,260
12052010	12/14/2024	9:30:23 AM	PMA-13	ECE	TV	осо	31	23,690
12051810	12/14/2024	9:33:03 AM	ZEN-25	EBJ	EF	OTF	5	462
12051878	12/14/2024	9:40:38 AM	CHR-22	ECE	TV	осо	130	31,327
12051757	12/14/2024	9:41:17 AM	VAS-23	EBL	TV	осо	8	16,123
12052392	12/14/2024	9:42:50 AM	BRW-15	EAC	TV	осо	127	212,088
12051822	12/14/2024	9:47:38 AM	CLV-16	EAD	TV	осо	1,540	385,924
12051821	12/14/2024	9:47:38 AM	CLV-15	EAD	TV	осо	44	6,315
12051845	12/14/2024	9:49:39 AM	LON-23	ECC	TV	OFU	11	1,710
12052482	12/14/2024	9:50:14 AM	SKE-26	ECE	TV	осо	1	435
12051906	12/14/2024	9:54:17 AM	SCH-15	EAA	TV	осо	21	18,482
12051855	12/14/2024	9:54:52 AM	LLT-17	EBD	TV	осо	9	15,548

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12051789	12/14/2024	9:56:06 AM	SPG-14	ECC	TV	OCN	3	2,617
12051936	12/14/2024	9:56:20 AM	SUM-21	EAC	TV	осо	13	14,781
12051781	12/14/2024	10:03:00 AM	GAR-13	ECA	UN	OFU	1,273	81,472
12051915	12/14/2024	10:05:27 AM	LLT-13	EBD	TV	OFU	3	1,269
12052295	12/14/2024	10:07:26 AM	BRW-15	EAC	TV	осо	179	286,072
12052249	12/14/2024	10:11:07 AM	BLA-13	EAA	TV	осо	1	1,423
12051895	12/14/2024	10:12:29 AM	BLA-13	EAA	TV	осо	100	36,175
12051891	12/14/2024	10:12:39 AM	BLA-13	EAA	TV	осо	441	45,629
12051963	12/14/2024	10:14:12 AM	MTV-17	EAC	TV	осо	26	53,895
12051784	12/14/2024	10:18:00 AM	CHI-16	ECD	TV	осо	202	4,521
12052038	12/14/2024	10:18:45 AM	SUM-21	EAC	TV	осо	77	68,410
12051815	12/14/2024	10:19:44 AM	ING-13	EBD	TV	осо	701	4,674
12051978	12/14/2024	10:20:21 AM	CHI-12	ECD	TV	осо	2	653
12051829	12/14/2024	10:21:27 AM	BRW-13	EAC	TV	осо	98	6,840
12052271	12/14/2024	10:22:52 AM	SIL-16	ECE	TV	осо	9	10,219
12051935	12/14/2024	10:26:09 AM	ING-13	EBD	TV	осо	309	480,948
12051749	12/14/2024	10:26:22 AM	ING-13	EBD	TV	осо	946	117,140
12051764	12/14/2024	10:30:40 AM	PAT-16	ECC	TV	осо	6	1,696
12051826	12/14/2024	10:31:40 AM	COT-16	EBD	TV	осо	1,155	55,481
12051952	12/14/2024	10:36:48 AM	BCH-16	EAA	TV	осо	21	14,712
12052131	12/14/2024	10:39:36 AM	NBO-22	EBD	TV	осо	1	553
12052192	12/14/2024	10:39:59 AM	SCH-16	EAA	TV	осо	3	2,254
12051883	12/14/2024	10:41:00 AM	CWD-24	EBD	TV	осо	294	258,725
12052001	12/14/2024	10:41:22 AM	NHL-17	EBD	TV	OFU	9	2,298
12051865	12/14/2024	10:46:17 AM	GRV-16	ECA	TV	OCN	1	113
12052682	12/14/2024	10:49:50 AM	SUM-21	EAC	TV	осо	46	37,896
12051959	12/14/2024	10:50:04 AM	FRA-16	ECD	TV	осо	23	7,457
12052126	12/14/2024	10:55:54 AM	FRA-13	ECD	TV	осо	78	73,340
12051950	12/14/2024	10:56:38 AM	RIT-16	EAC	EF	осо	1	205
12052026	12/14/2024	10:59:25 AM	CHI-12	ECD	TV	осо	61	45,826

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12051709	12/14/2024	11:02:32 AM	KIN-21	ECE	TV	осо	459	19,477
12052117	12/14/2024	11:10:04 AM	FRA-16	ECD	TV	осо	9	5,998
12051853	12/14/2024	11:10:20 AM	CHR-22	ECE	TV	осо	59	89,378
12051887	12/14/2024	11:14:08 AM	COT-13	EBD	TV	OFU	1	112
12051900	12/14/2024	11:14:51 AM	CHI-12	ECD	TV	OCN	9	448
12052356	12/14/2024	11:21:31 AM	WLS-13	EAC	TV	OSV	1	1,593
12051908	12/14/2024	11:22:44 AM	THO-13	EBH	EF	UPC	9	3,248
12052252	12/14/2024	11:23:35 AM	PET-12	EAC	TV	OFU	48	7,441
12051997	12/14/2024	11:25:46 AM	BEL-13	EBJ	TV	осо	2	2,768
12052124	12/14/2024	11:27:24 AM	BHS-15	EAA	TV	осо	41	24,447
12051835	12/14/2024	11:28:52 AM	CTR-22	EBJ	TV	осо	2,043	81,749
12051937	12/14/2024	11:29:14 AM	BRI-15	EAA	TV		13	18,068
12052436	12/14/2024	11:29:40 AM	MIL-17	ECE	TV	осо	10	20,672
12051901	12/14/2024	11:31:23 AM	CAM-25	EBJ	TV	осо	1,567	236,919
12052255	12/14/2024	11:32:56 AM	SUM-21	EAC	TV	OCN	1	951
12052052	12/14/2024	11:33:19 AM	SLA-15	EAA	TV	осо	11	16,416
12051877	12/14/2024	11:36:12 AM	SEM-13	EAA	TV	осо	37	20,925
12051892	12/14/2024	11:39:47 AM	SBE-25	EBE	TV	осо	643	501,294
12052219	12/14/2024	11:41:09 AM	ALG-15	EAC	TV	OCN	1	1,023
12051960	12/14/2024	11:46:56 AM	LMD-12	EBI	FI	USC	1	301
12052032	12/14/2024	11:47:16 AM	VIS-25	EAA	TV	осо	28	9,417
12052050	12/14/2024	11:49:09 AM	CLE-11	EBH	EF	USV	1	448
12052240	12/14/2024	11:50:35 AM	ALG-12	EAC	TV	OFU	48	42,661
12051893	12/14/2024	11:53:27 AM	ROL-15	EBJ	TV	осо	2,590	589,236
12052154	12/14/2024	11:59:26 AM	BLA-13	EAA	TV	осо	96	108,845
12051870	12/14/2024	12:01:55 PM	BLA-13	EAA	TV	осо	110	5,287
12051900	12/14/2024	12:04:44 PM	CHI-12	ECD	TV	OCN	9	4,946
12051731	12/14/2024	12:04:44 PM	CHI-12	ECD	TV	осо	961	102,003
12052267	12/14/2024	12:05:28 PM	HKX-16	EAC	TV	осо	1	1,245
12051839	12/14/2024	12:07:48 PM	MIL-23	ECE	TV	осо	1,370	189,117

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12051982	12/14/2024	12:13:22 PM	LYN-17	EAA	TV	осо	9	1,297
12051967	12/14/2024	12:13:23 PM	PIN-23	EBD	TV	осо	7	12,675
12052136	12/14/2024	12:15:14 PM	BTR-22	EBE	TV	осо	13	6,848
12051913	12/14/2024	12:16:02 PM	BLA-13	EAA	TV	осо	22	8,276
12052342	12/14/2024	12:16:03 PM	NLM-12	EAC	UN	OCE	4	5,847
12051912	12/14/2024	12:16:14 PM	NLM-12	EAC	TV	осо	109	68,359
12051876	12/14/2024	12:16:43 PM	BHL-16	ECE	TV	осо	1,370	104,691
12052416	12/14/2024	12:20:22 PM	RIT-18	EAC	TV	осо	2	3,948
12051999	12/14/2024	12:20:38 PM	POU-16	ECE	TV	осо	23	10,459
12052197	12/14/2024	12:22:18 PM	SWD-14	ECE	TV	осо	2	1,440
12052274	12/14/2024	12:23:49 PM	SIL-16	ECE	TV	осо	2	1,199
12052185	12/14/2024	12:27:11 PM	ALG-15	EAA	TV	осо	43	46,994
12052212	12/14/2024	12:27:27 PM	SKI-12	EBD	EF	OTF	6	4,233
12052353	12/14/2024	12:29:59 PM	SIL-15	ECE	TV	осо	8	11,379
12052076	12/14/2024	12:30:08 PM	WOB-23	EAA	TV	осо	30	44,092
12051939	12/14/2024	12:32:09 PM	VAS-12	EBL	UN	OFU	3	311
12052186	12/14/2024	12:32:41 PM	HAM-13	EAC	TV	осо	8	13,014
12052179	12/14/2024	12:33:16 PM	GAG-13	EAC	TV	PTF	7	6,288
12052081	12/14/2024	12:36:14 PM	ROS-15	EBD	EF	OTF	2	438
12051910	12/14/2024	12:36:18 PM	BIG-15	EAC	TV	осо	4	10,868
12051894	12/14/2024	12:36:18 PM	BIG-15	EAC	TV	осо	1,621	140,999
12051875	12/14/2024	12:36:45 PM	BIG-16	EAC	TV	осо	1,929	162,939
12051983	12/14/2024	12:43:56 PM	KEN-12	EAA	TV	осо	170	19,746
12052388	12/14/2024	12:44:08 PM	LOL-25	ECD	TV	осо	6	10,599
12052020	12/14/2024	12:44:34 PM	BIG-12	EAC	TV	осо	62	31,947
12051880	12/14/2024	12:46:42 PM	KEN-13	EAA	UN	осо	418	39,982
12052028	12/14/2024	12:47:07 PM	CUS-15	EAA	TV	осо	375	96,181
12051926	12/14/2024	12:47:07 PM	CUS-15	EAA	TV	осо	45	9,017
12052017	12/14/2024	12:47:07 PM	2,471	EAA			287	54,525
12051917	12/14/2024	12:47:07 PM	CUS-16	EAA	TV	осо	998	113,449

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12051896	12/14/2024	12:47:07 PM	CUS-15	EAA	TV	осо	375	54,525
12051870	12/14/2024	12:50:11 PM	BLA-13	EAA	TV	осо	249	85,130
12051849	12/14/2024	12:51:03 PM	PLA-24	EBD	TV	SWT	1,671	552,738
12052296	12/14/2024	12:51:08 PM	BIG-12	EAC	TV	осо	6	10,579
12052060	12/14/2024	12:57:10 PM	SIL-16	ECE	TV	осо	17	7,928
12051916	12/14/2024	1:01:55 PM	MKI-15	ECC	TV	осо	117	47,098
12052074	12/14/2024	1:02:46 PM	SCH-12	EAA	TV	осо	5	1,297
12052385	12/14/2024	1:02:46 PM	SCH-12	EAA	TV	осо	1	1,645
12052199	12/14/2024	1:06:16 PM	SCH-13	EAA	TV	осо	3	2,163
12051976	12/14/2024	1:06:16 PM	SCH-13	EAA	TV	осо	1,385	263,291
12052042	12/14/2024	1:06:57 PM	POU-16	ECE	TV	осо	8	1,440
12051980	12/14/2024	1:06:57 PM	POU-16	ECE	TV	осо	59	10,620
12052040	12/14/2024	1:08:39 PM	POU-16	ECE	TV	осо	17	4,169
12052027	12/14/2024	1:09:49 PM	MUR-13	ECE	UN	осо	498	63,196
12052053	12/14/2024	1:11:06 PM	WOB-23	EAA	TV	осо	7	10,606
12052253	12/14/2024	1:13:48 PM	PET-16	EAC	TV	OFU	6	5,029
12051907	12/14/2024	1:14:44 PM	SOO-25	EBI	TV	осо	1,135	343,763
12052351	12/14/2024	1:15:23 PM	MUR-13	ECE	TV	осо	64	86,515
12052299	12/14/2024	1:16:23 PM	SIL-13	ECE	TV	OTR	2	2,835
12051933	12/14/2024	1:23:43 PM	VAS-12	EBL	TV	осо	14	20,836
12052051	12/14/2024	1:24:41 PM	SCH-15	EAA	TV	осо	12	1,949
12052166	12/14/2024	1:34:01 PM	HWD-22	EBD	TV	OTF	1	639
12051942	12/14/2024	1:38:05 PM	HOL-15	ECA	TV	OFU	57	4,802
12052072	12/14/2024	1:40:46 PM	CHI-12	ECD	TV	осо	7	1,057
12051943	12/14/2024	1:41:44 PM	BRI-15	EAA	TV	осо	11	3,532
12051909	12/14/2024	1:41:58 PM	BRS-24	EAC	TV	осо	870	309,879
12052041	12/14/2024	1:42:17 PM	VWY-13	EAA	TV	осо	84	28,772
12051945	12/14/2024	1:51:47 PM	PIP-23	EBI	TV	осо	72	59,508
12051979	12/14/2024	1:56:58 PM	HAM-13	EAC	TV	осо	67	36,056
12052345	12/14/2024	1:58:04 PM	PET-15	EAC	TV	осо	21	15,089

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12052337	12/14/2024	1:59:28 PM	FNW-15	ECD	TV	осо	15	22,128
12052133	12/14/2024	2:00:43 PM	EGT-11	EBE	EF	OFC	13	4,584
12052110	12/14/2024	2:07:48 PM	PTR-14	EAA	TV	OTF	3	1,563
12052054	12/14/2024	2:10:03 PM	SCH-16	EAA	TV	осо	12	1,802
12052107	12/14/2024	2:12:17 PM	VWY-13	EAA	TV	OSV	1	380
12052336	12/14/2024	2:18:34 PM	MUR-13	ECE	TV	OCN	2	2,970
12052037	12/14/2024	2:21:34 PM	EGT-16	EBE	EF	OTF	4	510
12052096	12/14/2024	2:51:29 PM	ROE-13	EAA	TV	OTF	7	2,034
12051968	12/14/2024	3:00:44 PM	SUM-22	EAC	TV	осо	3	4,885
12052090	12/14/2024	3:01:57 PM	BLA-13	EAA	TV	осо	6	1,439
12051988	12/14/2024	3:02:55 PM	WIN-12	ECE	TV	осо	17	20,658
12052068	12/14/2024	3:05:56 PM	SEM-15	EAA	TV	осо	6	7,154
12052263	12/14/2024	3:07:03 PM	RPT-26	ECE	TV	осо	3	2,502
12052226	12/14/2024	3:07:03 PM	RPT-26	ECE	UN	осо	270	221,951
12052100	12/14/2024	3:17:55 PM	MUR-13	ECE	EF	осо	498	179,620
12052174	12/14/2024	3:21:02 PM	WIN-15	ECE	TV	осо	435	233,820
12052279	12/14/2024	3:27:01 PM	FNW-13	ECD	TV	осо	1	1,088
12052177	12/14/2024	3:27:25 PM	CLV-16	EAD	TV	OTF	1	605
12052217	12/14/2024	3:28:53 PM	COT-13	EBD	EF	OTF	3	1,836
12052256	12/14/2024	3:38:46 PM	LOL-21	ECD	TV	осо	3	2,323
12052293	12/14/2024	3:42:14 PM	HAM-15	EAC	TV	осо	31	33,276
12052284	12/14/2024	3:42:14 PM	HAM-15	EAC	TV	осо	26	33,430
12052055	12/14/2024	3:45:07 PM	LAT-14	EBJ	TV	осо	12	14,131
12052118	12/14/2024	4:01:13 PM	SWD-13	ECE	TV	осо	14	17,159
12052042	12/14/2024	4:07:05 PM	POU-16	ECE	TV	осо	8	12,488
12051980	12/14/2024	4:07:05 PM	POU-16	ECE	TV	осо	59	1,014
12052071	12/14/2024	4:10:30 PM	CHI-12	ECD	TV	осо	44	29,153
12052317	12/14/2024	4:11:05 PM	GBK-15	EAD	TV	осо	14	41,172
12052082	12/14/2024	4:28:51 PM	VAS-12	EBL	TV	ОРО	23	29,972
12052599	12/14/2024	4:32:24 PM	SUM-21	EAC	TV	осо	2	2,731

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12052085	12/14/2024	4:40:10 PM	FRG-24	ECC	TV	осо	1	671
12052039	12/14/2024	4:41:42 PM	PMA-12	ECE	TV	осо	36	400
12052083	12/14/2024	4:41:42 PM	PMA-12	ECE	TV	осо	1	11
12052378	12/14/2024	4:41:55 PM	WIN-12	ECE	TV	OTR	2	2,908
12052377	12/14/2024	4:42:20 PM	SHE-25	ECE	TV	OTR	3	4,260
12052176	12/14/2024	4:45:38 PM	LOL-21	ECD	TV	осо	3	1,513
12052329	12/14/2024	4:46:13 PM	ING-13	EBD	EF	UTR	11	7,026
12052182	12/14/2024	5:07:18 PM	KIN-21	ECE	TV	осо	292	140,875
12052167	12/14/2024	5:15:40 PM	SBE-26	EBE	SO	OTF	2	837
12052194	12/14/2024	5:22:03 PM	HWD-25	EBD	TV	осо	2	2,643
12052437	12/14/2024	5:28:11 PM	MCW-16	ECE	TV	осо	8	13,141
12052086	12/14/2024	5:32:33 PM	FNW-15	ECD	TV	OTR	7	1,842
12051714	12/14/2024	5:52:29 PM	VIS-23	EAA	TV	осо	1	22
12052348	12/14/2024	5:52:50 PM	SWD-13	ECE	TV	ОРО	1	1,540
12052315	12/14/2024	5:54:40 PM	LGY-12	EAD	UN	осо	97	108,187
12052058	12/14/2024	6:04:16 PM	MIL-17	ECE	TV	осо	74	11,357
12052088	12/14/2024	6:04:57 PM	POU-15	ECE	TV	осо	41	14,508
12052157	12/14/2024	6:07:32 PM	ROL-13	EBJ	TV	осо	1	1,100
12052259	12/14/2024	6:15:49 PM	CPV-13	EAD	TV	осо	1	787
12052323	12/14/2024	6:16:35 PM	CUS-13	EAA	EF	OCN	1	955
12052358	12/14/2024	6:19:04 PM	SWA-12	EAD	UN	UPC	12	29,829
12052094	12/14/2024	6:36:02 PM	PET-13	EAC	TV	осо	1	47
12052162	12/14/2024	6:41:41 PM	BLA-13	EAA	TV	осо	106	70,858
12052093	12/14/2024	6:44:16 PM	EVA-27	EBJ	EF	UEL	2	384
12052393	12/14/2024	6:46:49 PM	BIG-15	EAC	UN	UPC	11	13,250
12052365	12/14/2024	6:58:10 PM	FLD-15	EAD	TV	осо	49	59,887
12052180	12/14/2024	7:00:00 PM	SWD-12	ECE	TV	OTF	2	1,044
12052128	12/14/2024	7:06:04 PM	SIL-15	ECE	EF	UPT	2	674
12052181	12/14/2024	7:26:51 PM	RPT-15	ECE	EF	OTF	3	603
12052173	12/14/2024	7:30:01 PM	PLY-12	EAA	TV	OFU	15	3,985

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12052143	12/14/2024	7:32:40 PM	FRA-15	ECD	EF	осо	99	67,325
12052288	12/14/2024	7:49:17 PM	BRS-24	EAC	TV	осо	2	1,742
12052098	12/14/2024	7:53:35 PM	CHI-12	ECD	TV	осо	9	58
12052258	12/14/2024	8:10:12 PM	CRE-15	EAD	TV	осо	1	637
12052399	12/14/2024	8:19:54 PM	MUR-13	ECE	TV	осо	2	117
12052079	12/14/2024	8:19:54 PM	MUR-13	ECE	EF	осо	1,104	64,805
12052401	12/14/2024	8:19:54 PM	MUR-13	ECE	TV	осо	2	2,430
12052325	12/14/2024	8:21:38 PM	HAZ-13	EBE	TV	OTF	2	1,786
12052151	12/14/2024	8:24:21 PM	ALG-15	EAC	TV	осо	31	2,815
12052125	12/14/2024	8:29:55 PM	CEK-17	ECE	TV	осо	1	100
12052130	12/14/2024	8:39:06 PM	CRE-15	EAD	TV	осо	43	25,136
12052270	12/14/2024	8:45:20 PM	BRS-24	EAC	UN	осо	2	1,668
12052146	12/14/2024	8:46:17 PM	SIL-13	ECE	TV	осо	19	17,391
12052381	12/14/2024	8:46:17 PM	SIL-13	ECE	TV	осо	1	993
12052275	12/14/2024	8:57:59 PM	FRA-15	ECD	TV	осо	6	5,787
12052285	12/14/2024	9:03:38 PM	HWD-25	EBD	EF	UOT	4	9,278
12052289	12/14/2024	9:18:20 PM	CPV-13	EAD	TV	осо	12	14,402
12052386	12/14/2024	9:19:19 PM	VIS-22	EAA	EF	USV	4	4,684
12052152	12/14/2024	9:38:05 PM	SIL-13	ECE	TV	осо	15	1,163
12052265	12/14/2024	9:43:51 PM	WIN-12	ECE	TV	осо	16	10,210
12052139	12/14/2024	9:54:26 PM	TRA-26	ECE	TV	осо	4	4,896
12052153	12/14/2024	9:58:26 PM	EVA-27	EBJ	EF	UPC	2	2,480
12052148	12/14/2024	10:10:43 PM	CPV-15	EAD	TV	осо	33	37,835
12052080	12/14/2024	10:17:49 PM	DUV-16	EBD	TV	OAR	1,176	192,668
12052246	12/14/2024	10:23:34 PM	DUV-16	EBD	TV	OAR	9	4,347
12052184	12/14/2024	10:34:55 PM	CRE-12	EAD	TV	осо	2	706
12052189	12/14/2024	10:34:57 PM	KIN-21	ECE	TV	осо	292	186,165
12052193	12/14/2024	10:48:52 PM	PMA-16	ECE	TV	осо	111	53,234
12052171	12/14/2024	10:48:52 PM	PMA-16	ECE	TV	осо	283	9,466
12052290	12/14/2024	10:55:15 PM	HKX-13	EAC	EF	UPC	1	2,283

Puget Sound Energy

NUMBER	DATE	TIME	СКТ	MPG	CAZ	EQT	CUST OUT	CUST MIN
12052201	12/14/2024	11:14:55 PM	FNW-16	ECD	TV	осо	39	2,168
12052214	12/14/2024	11:18:00 PM	VAS-12	EBL	TV	OSV	1	469
12052264	12/14/2024	11:29:26 PM	HAM-13	EAC	TV	OCE	1	453
12052357	12/14/2024	11:29:53 PM	CRE-12	EAD	TV	осо	2	1,802
12052273	12/14/2024	11:33:54 PM	FLD-15	EAD	TV	OTF	7	2,556
12051902	12/14/2024	11:47:51 PM	ALG-15	EAC	TV	осо	9	1,221
12052170	12/14/2024	11:52:53 PM	MTH-21	EBJ	TV	осо	115	10,105
12052261	12/14/2024	11:59:09 PM	KEN-12	EAA	TV	OTF	5	901