Oregon Public Utility Commission

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COMPANY NAME: PacifiCorp

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Is this report associated with a specific docket/case? ☐ No ■ Yes, docket number: RE 171

List Key Words for this report. We use these to improve search results.

Compliance Filing - Annual Reliability Report for Calendar Year 2024

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PACIFIC POWER
A DIVISION OF PACIFICORP

825 NE Multnomah Street, Suite 2000
Portland, Oregon 97232

May 1, 2025

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
Attn: Filing Center
201 High Street SE, Suite 100
Salem, OR 97301-3398

Re: RE 171—PacifiCorp's Annual Reliability Report for Calendar Year 2024

In accordance with Oregon Administrative Rule 860-023-0151, PacifiCorp d/b/a Pacific Power encloses for filing in the above-referenced docket its Annual Reliability Report for calendar year 2024.

If you have any questions about this filing, please contact Aline Crinon, Regulatory Projects Manager, at (503) 444-1398.

Sincerely,

Robert Meredith
Director, Regulation

Enclosures



Pacific Power's Annual Report:

Oregon Administrative Rules 860-023, 024 and 028

Calendar Year 2024 Review

(January 1 – December 31, 2024)

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RELIABILITY

Introduction and Reliability Discussion

This year's reliability report includes a brief overview of Pacific Power's programs and initiatives to evaluate and enhance reliability. This report is consistent with Oregon Administration Rules (OARs) 860-023, 024 and 028.

Monitoring, Recording, and Reporting Reliability

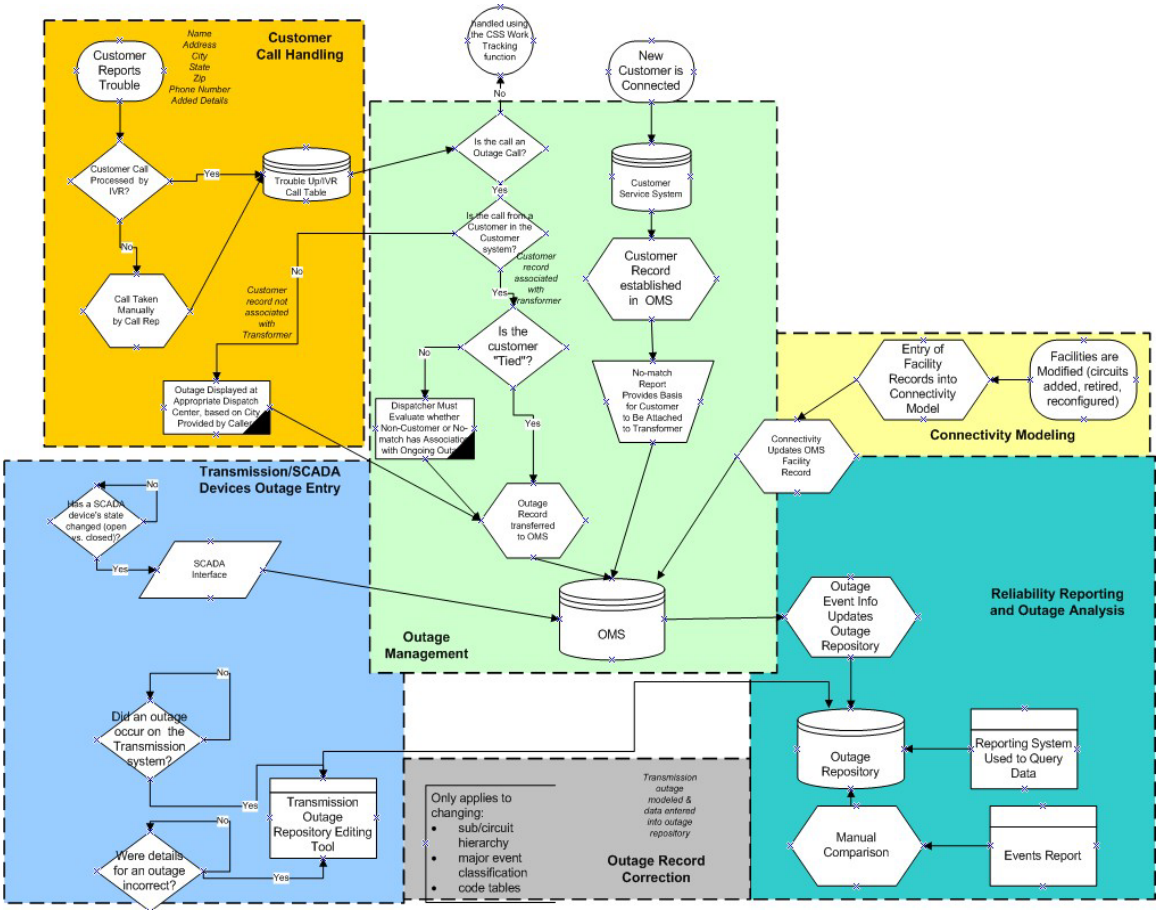
How Pacific Power Monitors Reliability

Outage Management and Reporting Systems:
Pacific Power operates automated outage management and reporting systems. Customer trouble calls and SCADA events are interfaced with the Company's real-time network connectivity model, its CADOPS system (Computer Aided Distribution Operations System). By overlaying these events onto the network model, the program infers outages at the appropriate devices (such as a transformer, fuse, or other interrupting device) for all customers down line of the interrupting device. The outage is then routed to appropriate field operations staff for restoration and the outage event is recorded in the Company's Prosper/US outage repository.

SCADA System and Momentary Interruption Indices:
In addition to this real-time model of the system's electrical flow, the Company relies heavily upon the SCADA system it has in place. This includes the Dispatch Log System (an SQL database application), which serves to collect all events on SCADA-operable circuits. That data is then analyzed for momentary interruptions to establish state-level and circuit-level momentary interruption indices, per agreement with the Public Utility Commission of Oregon (OPUC) Staff.

Advanced Metering Infrastructure (AMI) System:
The Company has successfully implemented an Advanced Metering Infrastructure (AMI) system, enhancing its outage detection capabilities. This has led to the development of evolving strategies to eliminate false positives. While the Company has not yet observed significant effects on "metric uplift" that could hinder comparisons between past and future performance levels, it acknowledges the potential for such impacts in the future. The Company is also reviewing whether AMI data can replace momentary interruption reporting data; however, its development of these analytics is still underway.

Developments:
As reported previously, the Company has implemented a transmission outage reporting system, enhanced its automated processing of SCADA-based information, and is building new functionality in interfacing this information into its outage reporting system. This represents the ongoing efforts of the Company to improve its outage management and reporting capabilities.



Reliability Reporting: Interpreting Indices and Metrics

Reliability data, such as outage times, customer interruptions, and cause codes, is used to derive indices like System Average Interruption Duration Index (SAIDI), System Average Interruption Frequency Index (SAIFI), Customer Average Interruption Duration Index (CAIDI), and Momentary Average Interruption Frequency Index (MAIFI). These indices, standardized by the IEEE, are used by utilities to simplify complex data for reliability measurement and reporting.

For performance reporting as contained within this document[1], Pacific Power applies these indices at both the state and regional levels. These indices were first documented in IEEE Standard 1366-1998 and later updated in IEEE 1366-2003, 2012, and 2022. This standard was adopted in OAR 860-023 and all subsequent reports have complied with it.

Prior to 2012, major events excluded from performance were determined using the "10% of operating area customers" method, not the "2.5 beta" T_{Med} method of IEEE 1366. Therefore, year-on-year comparisons should be approached with caution.

Regional reporting areas were established using statistical tools to ensure performance met the assumptions of the major event thresholds in the standard. For the Customer Guarantee of the Performance Standards Program, exceptions may be determined based on state-level data.

[1] State administrative rules regarding service reliability were modified during 2011, which has resulted in significant modifications to this section of the report.

To devise circuit-level performance measures, Pacific Power conducted research to identify suitable metrics for ranking reliability investments to better serve customers. In 1999, Pacific Power implemented a balanced set of circuit performance indices (CPI^{99}) and methods that improve on those documented in IEEE 1366.

Circuit performance is reviewed annually against these metrics to select circuits for the Company's Worst Performing Feeders Program. Over time, as tools have evolved, the Company has focused its analysis at a sub-circuit level, optimizing cost against reliability metric improvements.

Reliability Tools: Improving Indices and Metrics

The Company uses reliability data to enhance service to its customers. Pacific Power has developed methods, as per the industry guide for electric reliability, IEEE 1782-2022[2], to analyze outage data in various formats like tables, graphs, and maps. This data helps develop projects that improve reliability.

These projects include the fuse coordination program (Fuse It or Lose It - FIOLI), the circuit hardening program (Saving SAIDI), and the capital construction program (Network Initiatives). Each project is evaluated for its potential to improve network reliability by reducing customer interruptions and is selected based on cost-effectiveness and alignment with budget and resource targets.

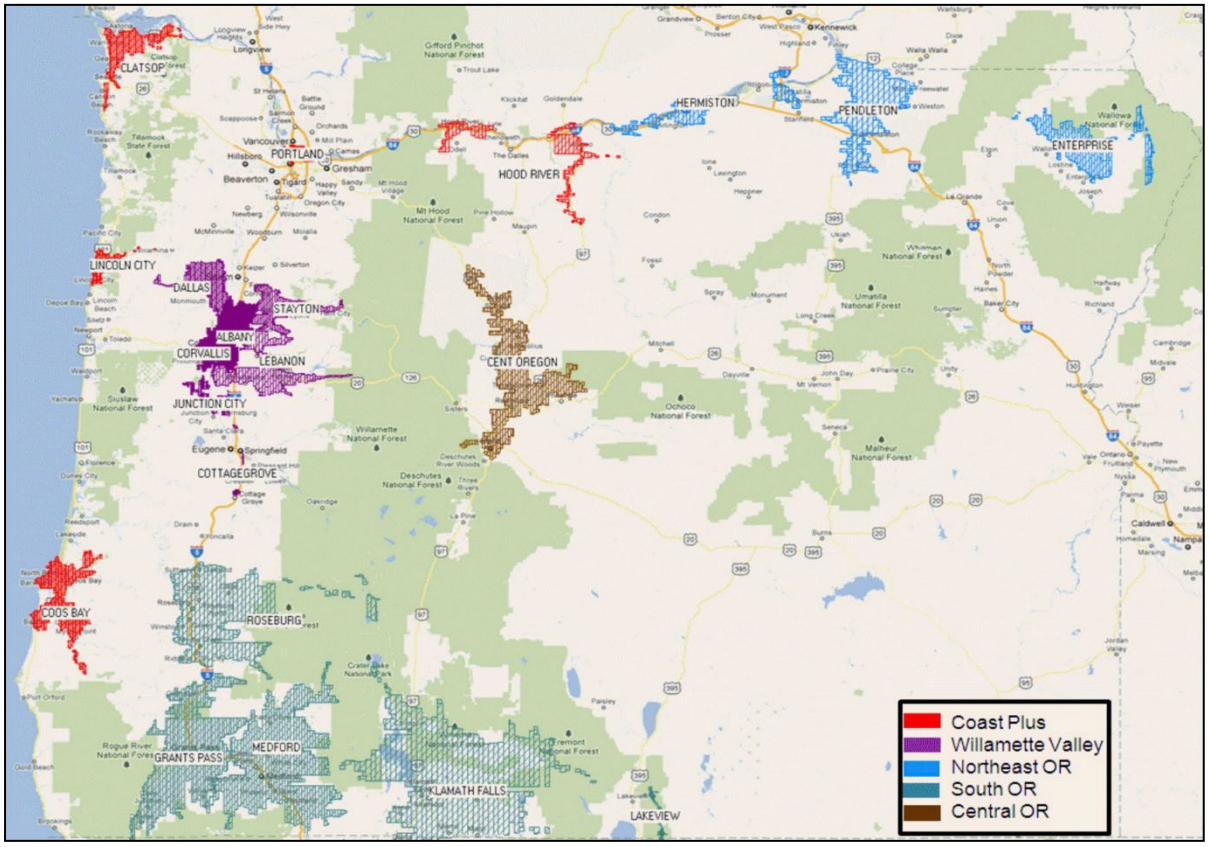
Pacific Power has also developed web-based notifications that alert when interrupting devices (e.g., circuit breakers, reclosers, or fuses) operate more frequently than expected. This allows the engineering and operations teams to quickly assess and improve performance in that area of the system.

The Company conducts an annual reliability planning process, supplemented by interim updates. They also identify five "underperforming circuits" each year and report on their performance using blended reliability metrics (SAIDI, SAIFI, MAIFI, and breaker lockouts) to track changes over a five-year period. This process has proven effective based on a review of historical reliability performance. These circuits are discussed later in the document.

[2] IEEE-1782 (PE/T&D) Guide for Collecting, Categorizing and Utilization of Information Related to Electric Power Distribution Interruption Events was approved on May 13, 2022, and contains many of the approaches used by Pacific Power to evaluate system reliability and determine areas where improvements should be deployed.

Reliability Reporting Regions Map

The graphic below shows the grouping of operating areas into five reliability reporting regions.



Major Event Thresholds

Effective CY2012, the administrative rules were modified to replace the 10% of operating area customers methodology with IEEE 1366-2022 "2.5 beta" or T_{Med} methodology for determining major events. For Pacific Power's service territory in Oregon, all operating areas were grouped into five reliability reporting regions and each reliability region's threshold determined according to IEEE 1366-2022. The tables below depict the composition of each region and its threshold as used during 2024 and for application during 2025. Since certain major events may be filed as statewide events, the state threshold and history are also supplied.

2024 Major Event Threshold			
Reliability Region	**T_{Med} *SAIDI***	**T_{Med} CMI**	**Operating Areas within Region**
Central OR	6.53	602,414	Bend/Redmond, Madras
Coast Plus	14.09	2,271,077	Clatsop/Astoria, Coos Bay/Coquille, Hood River, Lincoln City, Portland
Northeast OR	18.26	490,361	Enterprise, Hermiston, Milton-Freewater, Pendleton, Walla Walla
South OR	15.54	3,566,684	Grants Pass, Klamath Falls, Lakeview, Medford, Roseburg/Myrtle Creek
Willamette Valley	18.53	2,375,041	Albany, Corvallis, Cottage Grove/J. City, Dallas/Independence, Lebanon, Stayton
Oregon	**7.81**	**4,984,779**	

2025 Major Event Threshold			
Reliability Region	**T_{Med} SAIDI**	**T_{Med} CMI**	**Operating Areas within Region**
Central OR	6.75	637,915	Bend/Redmond, Madras
Coast Plus	15.86	2,568,591	Clatsop/Astoria, Coos Bay/Coquille, Hood River, Lincoln City, Portland
Northeast OR	20.26	1,131,303	Enterprise, Hermiston, Milton-Freewater, Pendleton, Walla Walla
South OR	13.87	3,234,397	Grants Pass, Klamath Falls, Lakeview, Medford, Roseburg/Myrtle Creek
Willamette Valley	19.93	2,565,693	Albany, Corvallis, Cottage Grove/J. City, Dallas/Independence, Lebanon, Stayton
Oregon	**8.54**	**5,516,091**	

The following table is a 5-year view of each region's T_{Med} values.

Calendar Year	**2025**		**2024**		**2023**		**2022**		**2021**	
Region	**CMI**	**SAIDI**	**CMI**	**SAIDI**	**CMI**	**SAIDI**	**CMI**	**SAIDI**	**CMI**	**SAIDI**
Central OR	637,915	6.75	602,414	6.53	618,295	6.90	571,191	6.45	507,120	5.80
Coast Plus	2,568,591	15.86	2,271,077	14.09	2,266,070	14.14	2,113,876	13.17	2,025,865	12.75
Northeast OR	1,131,303	20.26	490,361	18.26	354,802	13.67	301,314	11.60	294,942	11.43
South OR	3,234,397	13.87	3,566,684	15.54	3,141,383	13.82	3,264,851	14.35	3,275,975	14.51
Willamette Valley	2,565,693	19.93	2,375,041	18.53	2,124,801	16.81	2,142,956	16.95	2,066,210	16.47
Oregon	**5,516,091**	**8.54**	**4,984,779**	**7.81**	**4,723,224**	**7.50**	**4,589,806**	**7.30**	**4,375,795**	**7.02**

Major Events Excluded Report

Pacific Power filed written documentation for six Major Events in 2024 that were excluded from underlying reliability performance results. They are summarized on the table below.

Oregon 2024 Major Events - Written Filings[3]										
Event Date	**Description**	**State-Wide Event**	**CML**	**CI**	**OPUC Report Required**	**Region TMED**	**Region SAIDI**	**Oregon SAIDI**	**Oregon SAIFI**	**Oregon CAIDI**
January 13-19, 2024	Winter Storm	Yes	115,292,711	162,495	Yes	7.8	N/A	180.7	0.25	710
February 3-4, 2024	Loss of Supply	No	4,731,254	11,057	Yes	18.5	36.9	7.4	0.02	428
March 1-5, 2024	Winter Storm	Yes	9,565,838	20,573	Yes	7.8	N/A	15.0	0.03	465
July 7-8, 2024	Unknown	No	759,667	1,874	Yes	6.5	8.2	1.2	0.00	405
July 22-24, 2024	Emergency De-energization and Pole Fire	No	3,017,130	6,457	Yes	14.1	18.7	4.7	0.01	467
December 17-19, 2024	Weather, Loss of Supply	Yes	17,096,269	28,644	Yes	7.8	N/A	26.8	0.04	597
TOTAL Oregon Major Events Filed			**150,462,869**	**231,100**				**235.8**	**0.36**	**651**

[3] Note on Data Revisions: Figures in this table reflect post-filing data cleanup efforts. Through a rigorous data quality management process, data has been refined to ensure accurate attribution of customer interruptions and minutes lost, both of which are inputs to SAIDI, SAIFI, and CAIDI calculations. While these adjustments render minor impacts to originally reported metrics, they represent a commitment to reporting the most precise data available from the Company's systems of record, at the time of official reporting.

Major Events Excluded Report

In addition, the Company excluded 12 events where CAIDI was less than five hours (300 CAIDI minutes), for which no filing is required according to the OARs.

Oregon 2024 Major Events - Low CAIDI (<300) No Filings										
Event Date	**Description**	**State-Wide Event**	**CML**	**CI**	**OPUC Report Required**	**Region TMED**	**Region SAIDI**	**Oregon SAIDI**	**Oregon SAIFI**	**Oregon CAIDI**
June 25, 2024	Emergency De-energization	No	675,897	11,592	No	6.5	7.3	1.1	0.02	58
July 6-7, 2024	Unknown	No	691,918	2,660	No	6.5	7.5	1.1	0.00	260
July 8, 2024	Unknown	No	497,247	3,497	No	18.3	18.5	0.8	0.01	142
July 15-16, 2024	Trees, Non-Preventable	No	4,049,410	30,920	No	15.5	17.6	6.3	0.05	131
July 16-17, 2024	Trees, Non-Preventable	Yes	5,763,787	24,874	No	7.8	N/A	9.0	0.04	232
July 17, 2024	Emergency De-energization	No	612,003	3,684	No	18.3	22.8	1.0	0.01	166
August 2-3, 2024	Loss of Transmission Line	No	1,680,913	12,974	No	6.5	18.2	2.6	0.02	130
August 4-5, 2024	Weather, Lightning	No	982,006	3,668	No	6.5	10.7	1.5	0.01	268
August 17-18, 2024	Weather, Lightning	Yes	7,020,142	87,272	No	7.8	N/A	11.0	0.14	80
September 2-3, 2024	Emergency De-energization	No	1,124,930	10,095	No	18.3	41.9	1.8	0.02	111
October 5-6, 2024	Loss of Transmission Line	No	3,915,427	16,431	No	14.1	24.3	6.1	0.03	238
December 25-27, 2024	Trees, Non-Preventable	Yes	15,476,542	58,664	No	7.8	N/A	24.3	0.09	264
TOTAL Major Events with low CAIDI			**42,490,221**	**266,331**				**66.6**	**0.42**	**160**

Total Performance Summary

Oregon 2024 Major Events - Summary	CML	CI	OPUC Report Required	Oregon SAIDI	Oregon SAIFI	Oregon CAIDI
(A) Oregon Total Performance - Includes Major Events	**345,121,480**	**1,898,784**	**N/A**	**540.9**	**2.98**	**182**
Total Oregon Major Events Filed	150,462,869	231,100	Yes	235.8	0.36	651
Total Major Events with low CAIDI (no filing required)	42,490,221	266,331	No	66.6	0.42	160
(B) TOTAL MAJOR EVENTS EXCLUDED	**192,953,090**	**497,431**		**302.4**	**0.78**	**388**
Oregon Enhanced Safety Settings (ESS)[3] - Included in Major Event Total[4]	23,479,905	174,692	N/A	36.8	0.27	134
(C) Oregon Enhanced Safety Settings - Excluded from Underlying and not in Major Event Total	**86,458,982**	**880,286**	**N/A**	**135.5**	**1.38**	**98**
Oregon Emergency De-energization - Included in Major Event Total	5,429,960	31,828	N/A	8.5	0.05	171
(D) Oregon Emergency De-energization - Excluded from Underlying and not in Major Event Total	**6,974,287**	**75,876**	**N/A**	**10.9**	**0.12**	**92**
(E) Oregon Underlying Events - Excludes Major Events, ESS and Emergency De-energizations	**58,735,121**	**445,191**		**92.1**	**0.70**	**132**

Quick Guide to Interpreting the Table Above:

1. **Start with the top number:** (A) Oregon Total Performance
2. **Subtract each bolded value underneath** (Major Events, Enhanced Safety Settings, Emergency De-energization), one at a time.
3. **The result after all subtractions** is the final bold number at the bottom: (E) Oregon Underlying Events.

In other words:

The reader should work from the top down, subtracting each bold amount, and they will arrive at the underlying performance shown at the bottom.

Example:

	CML	Operator	Balance Forward
(A) Oregon Total Performance - Includes Major Events	**345,121,480**		**-**
(B) TOTAL MAJOR EVENTS EXCLUDED	**192,953,090**	**-**	**152,168,390**
(C) Oregon Enhanced Safety Settings - Excluded from Underlying and not in Major Event Total	**86,458,982**	**-**	**65,709,408**
(D) Oregon Emergency De-energization - Excluded from Underlying and not in Major Event Total	**6,974,287**	**-**	**58,735,121**
(E) Oregon Underlying Events - Excludes Major Events, ESS and Emergency De-energizations	**58,735,121**	**=**	**-**

[5] Enhanced Safety Settings outages are excluded from Underlying Performance

[6] Numbers are included in the total for the Major Events Excluded, and therefore already removed from the underlying metrics, with the subtraction of major events.

Operational Wildfire Mitigation Impact on Reliability

As part of the Company's Wildfire Mitigation Plan, a range of operational practices have been implemented to reduce wildfire risk. One key measure is the use of Enhanced Safety Settings (ESS) on distribution system equipment. These settings make protective devices, such as reclosers and circuit breakers, more sensitive to electrical faults. ESS are activated during high-risk fire weather conditions, including high winds, low fuel moisture, elevated temperatures, low relative humidity, and the presence of volatile fuels.

Normally, when a power line experiences a fault, protective devices briefly open and then automatically reclose to evaluate if the fault was temporary, restoring service quickly if possible. With ESS enabled, these devices may remain open after a single fault, which can lead to longer and more frequent outages. While this approach significantly reduces the risk of wildfire ignition, it can have a noticeable impact on customer reliability. Outages that occur on circuits with ESS enabled are tracked separately from standard reliability metrics to better understand their impact.

To further enhance safety, the Company has also adopted a wildfire emergency de-energization policy. When on-site personnel confirm a wildfire threat to company equipment, power lines-including transmission, distribution, or substations-may be proactively de-energized until it is safe to restore service.

These enhanced operational responses are designed to prioritize public safety and minimize wildfire risk, even though they may result in longer or more frequent outages for affected customers. Below is a summary of their operational performance impact for the Calendar Year 2024, broken down by region.

		Emergency De-energization			
Reliability Region	**Customer Count**	**CMI**	**CI**	**SAIDI**	**SAIFI**
Central OR	92,193	1,106,654	17,335	12.0	0.188
Coast Plus	161,184	2,322,962	6,232	14.4	0.039
Northeast OR	26,857	1,095,161	18,819	40.8	0.701
South OR	229,586	5,393,324	41,396	23.5	0.180
Willamette Valley	128,180	435,023	9,211	3.4	0.072
Oregon	**638,000**	**10,353,124**	**92,993**	**16.2**	**0.146**

		Enhanced Safety Settings (ESS)			
Reliability Region	**Customer Count**	**CMI**	**CI**	**SAIDI**	**SAIFI**
Central OR	92,193	13,039,973	101,271	141.4	1.098
Coast Plus	161,184	7,338,244	44,685	45.5	0.277
Northeast OR	26,857	8,447,499	86,399	314.5	3.217
South OR	229,586	73,964,948	755,232	322.2	3.290
Willamette Valley	128,180	7,133,069	67,138	55.6	0.524
Oregon	**638,000**	**109,923,733**	**1,054,725**	**172.3**	**1.653**

Targeted Reliability

On an annual basis, the Company establishes a list of targeted reliability projects for which it calculates cost per forecast reliability improvements, expressed as mitigation costs factored by avoiding customer minutes interrupted or $/cmi. These projects often involve fuse coordination, circuit hardening (including animal, vehicle, and vegetation management efforts) and reconductoring. The current roster of projects intended to be constructed during 2025 are shown below.

District	Circuit ID#	Program Type	Year Initiated	Expected Completion	Project Notes
Albany	4M22	FIOLI	2022	2025	Verify and coordinate fusing and fuse taps in zones one and two
	4M19	UR	2022	2025	Replacing cutouts, installing reclosers
	4M70	UR	2024	2025	Replace Fusesaver with recloser
	4M360	UR	2024	2025	Replace two cutouts, install two new Fusesavers
	4M25	FIOLI	2024	2026	Install two reclosures and reconductor 1,200 feet
Coos Bay	4C106	UR	2024	2025	Remove smart links, replace them with recloser
Klamath Falls	5L105	FIOLI	2021	2025	Replace one recloser
	5L20	FIOLI	2023	2025	Replace three Fusesavers with reclosers
	4L16	FIOLI	2022	2025	Replace one recloser
Lebanon	4M63	FIOLI	2023	2025	Verify and coordinate fusing and fuse taps in zones two and three
	4M204	FIOLI	2023	2025	Verify and coordinate fusing and fuse taps in zones two and three
Pendleton	5W202	FIOLI	2022	2025	Install six sets of Fusesavers and coordinate
	5W201	FIOLI	2022	2025	Install three reclosers and one Fusesaver and coordinate
	5W402	FIOLI	2024	2025	Install two reclosers and four Fusesavers and coordinate
Walla Walla	5W16	UR	2024	2025	Replacing multiple cutouts, insulators, cross arms

Under-Performing Circuits

After the completion of the development of reliability improvement plans (as discussed above), the Company evaluates those circuits whose blended reliability scores rank low, using its Circuit Performance Indicator (CPI). This is the primary basis for the next year's Worst Performing Feeders element of its Targeted Reliability Program. CPI is an acronym for Circuit Performance Indicator, which uses 3-year weighted reliability metrics of the circuit to identify underperformance. The Company targets a 20% average improvement in this metric to validate its effectiveness. The application of CPI[99] proved to demonstrate more consistently how performance comparisons could be made. The variables and equations for calculating CPI are:

CPI = Index * ((SAIDI * WF * NF) + (SAIFI * WF * NF) + (MAIFI * WF * NF) + (Lockouts * WF * NF))

Index: 10.645
SAIDI: Weighting Factor 0.30, Normalizing Factor 0.029
SAIFI: Weighting Factor 0.30, Normalizing Factor 2.439
MAIFI: Weighting Factor 0.20, Normalizing Factor 0.70
Lockouts: Weighting Factor 0.20, Normalizing Factor 2.00

Therefore, 10.645 * [(3-year SAIDI * 0.30 * 0.029) + (3-year SAIFI * 0.30 * 2.439) + (3-year MAIFI * 0.20 * 0.70) + (3-year breaker lockouts * 0.20 * 2.00)] = CPI Score

The following distribution feeders were selected as underperforming based on CPI scores ending December 31, 2024, and identified as Year Ending 2024 circuits in the Network Initiatives program:

YEAR ENDING 2024 UNDER-PERFORMING CIRCUITS				
CIRCUIT ID	**CIRCUIT NAME**	**KV**	**OPERATING AREA**	**CPI[99]**
5U920	Diamond Lake	12.5	Roseburg/Myrtle Creek	370
7R5	Prospect	4.1	Red Blanket	335
4L50	Rocky Point Feeder	20.8	Klamath Falls	328
4M249	Dura-Pacific	20.8	Albany	296
4C106	Coos River	20.8	Coos Bay/Coquille	243
			TARGET SCORE	**314**

The status of prior years' underperforming circuits is shown in the following table.

UNDER-PERFORMING CIRCUITS					
CIRCUIT ID	**CIRCUIT NAME**	**OPERATING AREA**	**BASELINE**	**Restated Baseline[4]**	**PERFORMANCE 12/31/24**
Circuit Performance Indicator (CPI[99])					
Year Ending 2023					
4M22	Rickreal	Dallas/Independence	68	41	**37**
4M25	Buena Vista	Dallas/Independence	151	121	**105**
4M204	Crowfoot	Lebanon	257	257	**109**
5W201	Pilot Rock City	Pendleton	67	37	**35**
5R62	Wild Prairie	Grants Pass	167	105	**94**
	TARGET MET	TARGET SCORE = **90**	**120**	**112**	**76**
Year Ending 2022					
5R267	Murphy	Grants Pass	166	150	**70**
5L14	Town	Klamath Falls	133	106	**32**
4K46	Boeing	Hermiston	117	61	164
5A10	Haystack	Astoria	108	99	103
4C50	Bunker Hill	Coos Bay	74	76	135
		TARGET SCORE = **78**	**120**	**98**	101
Year Ending 2021					
5R52	Free & Easy	Grants Pass	93	95	**97**
5L19	Lakeshore	Klamath Falls	83	99	**34**
4M63	Tennessee	Lebanon	156	160	**103**
4A338	Siuslaw	Lincoln City	207	206	**101**
5U920	Diamond Lake	Roseburg/Myrtle Creek	562	589	**370**
	TARGET MET	TARGET SCORE = **184**	**220**	**230**	**141**
Year Ending 2020					
4M15	Ferry	Albany	118	117	**10**
5R114	Fruitdale	Grants Pass	136	164	**18**
5R287	Hummingbird	Medford	163	181	**95**
4K1	Sherman 208	Hood River	73	78	**77**
4M16	Water Street	Albany	87	105	**40**
	TARGET MET	TARGET SCORE = **103**	**116**	**129**	**48**
Year Ending 2019					
4C37	Maple Street	Myrtle Point	43	43	**82**
4M17	Calapooia	Brownsville	158	153	**35**
4M243	Scravel Hill	Murder Creek	136	150	**78**
5P288	Cully #3-UG	Cully	74	87	**28**
5R245	Valley View	Ashland (Mtn. Ave., PUD)	78	100	**43**
	TARGET MET	TARGET SCORE = **86**	**98**	**107**	**53**

[4] The company has made improvements in our system of record and calculations of tracking for circuit performance, which has resulted in changes to the previously calculated baselines. The re-stated baseline is provided, as well as the updated performance as of the reporting year.

Oregon Five-Year Reliability Reporting Region Metrics

Excluding Major Events

	SAIDI						SAIFI						MAIFI$_E$[5]						CAIDI					
Year	Central OR	Coast Plus	Northeast OR	South OR	Willamette Valley	OREGON	Central OR	Coast Plus	Northeast OR	South OR	Willamette Valley	OREGON	Central OR	Coast Plus	Northeast OR	South OR	Willamette Valley	OREGON	Central OR	Coast Plus	Northeast OR	South OR	Willamette Valley	OREGON
2024	**37**	**122**	**55**	**101**	**86**	**92**	**0.44**	**0.99**	**0.52**	**0.67**	**0.60**	**0.70**	**0.58**	**0.71**	**0.35**	**0.60**	**1.00**	**0.69**	**84**	**123**	**106**	**151**	**142**	**132**
2023	68	92	129	257	188	169	0.54	0.98	1.40	1.99	1.35	1.37	0.35	0.39	0.71	0.63	0.35	0.48	125	94	92	129	139	123
2022	53	125	111	185	116	134	0.41	0.93	1.03	1.52	1.04	1.10	0.31	0.43	0.83	0.51	0.28	0.43	128	134	107	122	111	122
2021	53	111	93	107	140	106	0.47	0.88	0.75	0.93	1.33	0.93	0.84	0.36	2.76	1.73	2.03	1.07	115	126	124	115	105	115
2020	44	105	96	129	133	111	0.29	1.19	1.02	1.03	1.15	1.00	2.20	0.77	0.37	0.83	0.79	0.99	148	88	95	125	116	111

Including Major Events

	SAIDI						SAIFI						MAIFI$_E$						CAIDI					
Year	Central OR	Coast Plus	Northeast OR	South OR	Willamette Valley	OREGON	Central OR	Coast Plus	Northeast OR	South OR	Willamette Valley	OREGON	Central OR	Coast Plus	Northeast OR	South OR	Willamette Valley	OREGON	Central OR	Coast Plus	Northeast OR	South OR	Willamette Valley	OREGON
2024	**45**	**457**	**70**	**172**	**824**	**352**	**0.48**	**1.85**	**0.65**	**0.86**	**1.51**	**1.18**	**0.59**	**1.15**	**0.35**	**0.74**	**1.00**	**0.86**	**95**	**247**	**108**	**201**	**544**	**299**
2023	111	133	131	312	209	209	0.87	1.05	1.41	2.21	1.41	1.53	0.35	0.39	0.71	0.67	0.37	0.49	127	126	93	141	148	137
2022	110	441	394	316	243	307	1.09	1.98	2.52	1.79	1.54	1.72	0.38	0.67	0.99	0.57	0.40	0.55	100	223	156	176	158	179
2021	143	446	138	196	1204	452	0.82	1.77	0.95	1.73	2.26	1.69	0.84	0.36	2.76	1.73	2.03	1.07	173	252	146	113	533	268
2020	229	388	261	434	270	354	0.64	1.97	1.79	1.63	1.94	1.65	2.20	0.77	0.37	0.83	0.79	0.99	360	197	146	267	139	215

Pacific Power's Annual Report: Oregon Administrative Rules 860-023, 024 and 028 – Reliability

[5] MAIFI$_E$ values are calculated based on data in our system of record. Due to the absence of SCADA (Supervisory Control and Data Acquisition) systems on portions of the network, some momentary interruption events may not be captured, and actual performance may differ from reported figures.

Oregon Five-Year Customer Count by Reliability Region and Operating Area

Region	Op Area	CY 2024	CY 2023	CY 2022	CY 2021	CY 2020
Central OR	BEND/REDMOND	73,738	71,536	70,760	69,733	67,328
Central OR	MADRAS	18,455	18,058	17,853	17,692	17,235
Central OR		**92,193**	**89,594**	**88,613**	**87,425**	**84,563**
CoastPlus	CLATSOP (ASTORIA)	25,652	25,424	25,504	25,251	25,031
CoastPlus	COOS BAY/COQUILLE	26,459	26,193	26,647	26,382	26,390
CoastPlus	HOOD RIVER	9,728	9,620	9,691	9,595	9,546
CoastPlus	LINCOLN CITY	12,547	12,424	12,201	12,080	12,330
CoastPlus	PORTLAND	86,798	86,563	86,489	85,630	83,892
CoastPlus		**161,184**	**160,224**	**160,532**	**158,938**	**157,189**
Northeast OR	ENTERPRISE	5,732	5,596	5,568	5,531	5,476
Northeast OR	HERMISTON	5,307	5,073	4,995	4,906	4,829
Northeast OR	MILTON/FREEWATER	-	-	-	-	-
Northeast OR	PENDLETON	13,485	12,965	13,086	13,036	12,943
Northeast OR	WALLA WALLA OR	2,333	2,320	2,320	2,320	2,312
Northeast OR		**26,857**	**25,954**	**25,969**	**25,793**	**25,560**
South OR	GRANTS PASS	52,698	52,482	52,761	52,543	52,143
South OR	KLAMATH FALLS	38,281	38,005	38,185	38,015	37,763
South OR	LAKEVIEW	2,446	2,427	2,444	2,443	2,412
South OR	MEDFORD	92,175	91,264	90,781	89,893	91,033
South OR	ROSEBURG/MYRTLECREEK	43,986	43,066	43,303	42,940	42,857
South OR		**229,586**	**227,244**	**227,474**	**225,834**	**226,208**
Willamette Valley	ALBANY	33,763	32,912	32,938	32,925	32,228
Willamette Valley	CORVALLIS	30,477	30,613	30,825	30,457	29,956
Willamette Valley	COTTAGE GROVE/J.CITY	11,634	11,336	11,419	11,390	11,322
Willamette Valley	DALLAS/INDEPENDENCE	16,594	16,195	16,098	15,858	15,581
Willamette Valley	LEBANON	21,683	21,439	21,227	21,085	20,901
Willamette Valley	STAYTON	14,029	13,887	13,933	13,707	13,825
Willamette Valley		**128,180**	**126,382**	**126,440**	**125,422**	**123,813**
Oregon		**638,000**	**629,398**	**629,028**	**623,412**	**617,333**

Oregon Five-Year Cause Analysis by State

OAR Cause	2020 - State												
	Oregon Customer count	Major Event Excluded						Major Event Included					
		Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	617,333	129	11,351,096	157,078	18.39	0.254	72	217	38,070,885	287,784	61.67	0.466	132
B Loss of Supply - Substation	617,333	15	1,296,634	9,177	2.10	0.015	141	19	2,788,875	13,373	4.52	0.022	209
C Distribution - Equipment	617,333	3,086	12,984,979	90,670	21.03	0.147	143	3,421	18,019,512	109,423	29.19	0.177	165
D Distribution - Lightning	617,333	65	131,200	1,206	0.21	0.002	109	164	2,088,273	6,013	3.38	0.010	347
E Distribution - Planned	617,333	4,586	13,209,282	100,049	21.40	0.162	132	4,853	138,107,823	138,859	223.72	0.225	995
F Distribution - Public	617,333	442	12,711,604	79,546	20.59	0.129	160	475	14,391,245	88,684	23.31	0.144	162
G Distribution - Vegetation	617,333	920	12,991,558	92,038	21.04	0.149	141	1,595	50,451,924	154,242	81.73	0.250	327
H Distribution - Weather	617,333	167	2,590,978	18,273	4.20	0.030	142	764	47,500,323	151,750	76.94	0.246	313
I Distribution - Wildlife	617,333	956	3,614,105	34,932	5.85	0.057	103	1,069	3,820,365	36,536	6.19	0.059	105
J Distribution - Unknown	617,333	809	4,858,982	63,074	7.87	0.102	77	909	5,554,994	67,607	9.00	0.110	82
K Distribution - Other	617,333	269	1,977,895	26,063	3.20	0.042	76	392	29,380,754	43,294	47.59	0.070	679
Grand Total	**617,333**	**11,444**	**77,718,312**	**672,106**	**125.89**	**1.089**	**116**	**13,878**	**350,174,973**	**1,097,565**	**567.24**	**1.778**	**319**

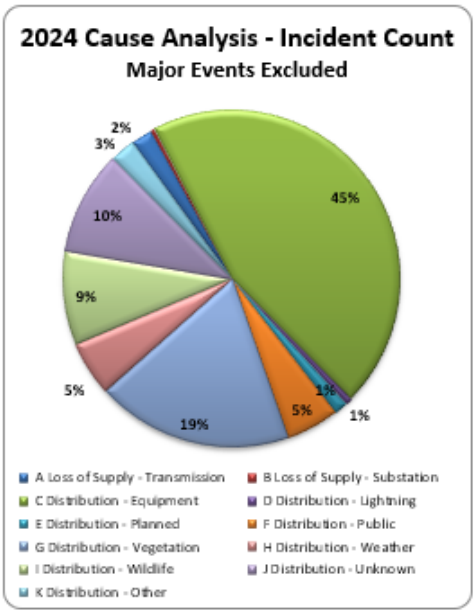
OAR Cause	2021 - State												
	Oregon Customer count	Major Event Excluded						Major Event Included					
		Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	623,412	112	4,957,564	134,134	7.88	0.213	37	157	9,569,219	192,385	15.21	0.306	50
B Loss of Supply - Substation	623,412	27	1,991,671	42,617	3.17	0.068	47	142	10,203,423	195,219	16.22	0.310	52
C Distribution - Equipment	623,412	2,812	17,110,003	100,358	27.20	0.160	170	3,211	20,369,734	117,020	32.38	0.186	174
D Distribution - Lightning	623,412	68	363,538	1,758	0.58	0.003	207	70	386,087	1,829	0.61	0.003	211
E Distribution - Planned	623,412	4,653	15,391,625	136,062	24.47	0.216	113	4,938	22,677,038	163,254	36.05	0.260	139
F Distribution - Public	623,412	447	13,195,237	70,668	20.98	0.112	187	472	13,576,227	72,693	21.58	0.116	187
G Distribution - Vegetation	623,412	1,010	14,560,351	77,724	23.15	0.124	187	2,263	126,130,900	198,963	200.52	0.316	634
H Distribution - Weather	623,412	246	1,771,848	9,358	2.82	0.015	189	897	75,952,683	95,902	120.75	0.152	792
I Distribution - Wildlife	623,412	936	2,302,202	27,927	3.66	0.044	82	963	2,420,648	29,005	3.85	0.046	83
J Distribution - Unknown	623,412	927	4,429,144	45,550	7.04	0.072	97	1,035	6,826,446	53,988	10.85	0.086	126
K Distribution - Other	623,412	359	1,152,255	17,655	1.83	0.028	65	429	5,554,360	24,141	8.83	0.038	230
Grand Total	**623,412**	**11,597**	**77,225,439**	**663,811**	**123.88**	**1.065**	**116**	**14,577**	**293,666,765**	**1,144,399**	**471.06**	**1.836**	**257**

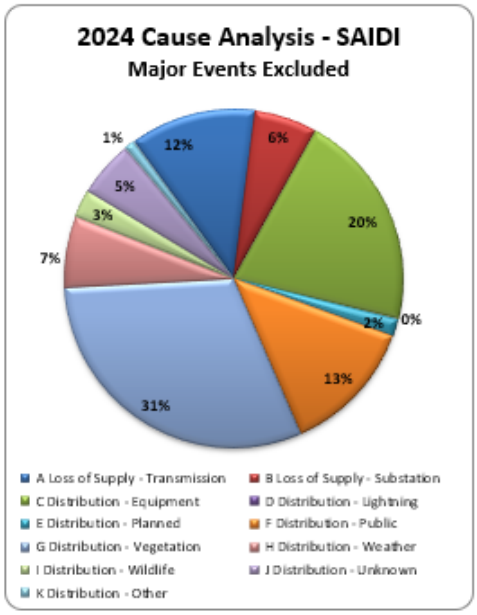
OAR Cause	2022 - State												
	Oregon Customer count	Major Event Excluded						Major Event Included					
		Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	629,028	138	2,860,424	23,431	4.55	0.04	122	282	5,473,054	49,483	8.70	0.08	111
B Loss of Supply - Substation	629,028	76	1,917,290	12,750	3.05	0.02	150	86	1,988,561	14,180	3.16	0.02	140
C Distribution - Equipment	629,028	3,233	52,362,973	283,245	83.24	0.45	185	3,495	56,679,592	308,570	90.11	0.49	184
D Distribution - Lightning	629,028	90	1,131,764	12,021	1.80	0.02	94	125	1,270,397	12,768	2.02	0.02	99
E Distribution - Planned	629,028	497	11,024,332	48,414	17.53	0.08	228	540	11,311,429	51,801	17.98	0.08	218
F Distribution - Public	629,028	503	13,787,043	71,405	21.92	0.11	193	519	14,044,387	76,664	22.33	0.12	183
G Distribution - Vegetation	629,028	957	24,814,833	122,552	39.45	0.19	202	1,773	47,089,215	238,861	74.86	0.38	197
H Distribution - Weather	629,028	223	3,964,430	23,893	6.30	0.04	166	674	14,489,268	85,671	23.03	0.14	169
I Distribution - Wildlife	629,028	915	13,638,751	65,024	21.68	0.10	210	931	13,989,076	68,646	22.24	0.11	204
J Distribution - Unknown	629,028	992	14,354,355	73,279	22.82	0.12	196	1,110	16,084,634	85,607	25.57	0.14	188
K Distribution - Other	629,028	325	4,599,562	25,633	7.31	0.04	179	359	5,135,089	35,426	8.16	0.06	145
Grand Total	**629,028**	**7,949**	**144,455,758**	**761,647**	**229.65**	**1.211**	**190**	**9,894**	**187,554,703**	**1,027,677**	**298.17**	**1.634**	**183**

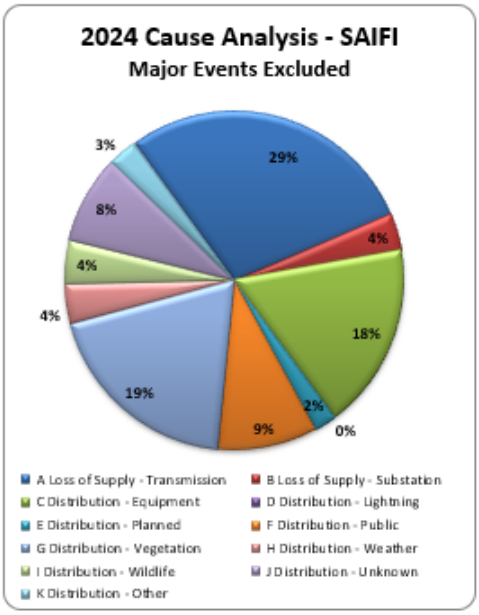
OAR Cause	2023 - State												
	Oregon Customer count	Major Event Excluded						Major Event Included					
		Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	629,398	133	7,948,214	161,379	12.6	0.26	49	181	23,073,204	230,413	36.7	0.37	100
B Loss of Supply - Substation	629,398	26	4,166,878	30,384	6.6	0.05	137	26	4,166,878	30,384	6.6	0.05	137
C Distribution - Equipment	629,398	3,064	20,140,016	119,093	32.0	0.19	169	3,116	21,683,975	125,678	34.5	0.20	173
D Distribution - Lightning	629,398	105	659,702	4,524	1.0	0.01	146	105	659,702	4,524	1.0	0.01	146
E Distribution - Planned	629,398	59	295,322	8,536	0.5	0.01	35	62	342,081	8,718	0.5	0.01	39
F Distribution - Public	629,398	375	9,404,229	55,737	14.9	0.09	169	380	9,509,638	56,047	15.1	0.09	170
G Distribution - Vegetation	629,398	929	11,688,707	80,784	18.6	0.13	145	1,021	14,187,004	85,734	22.5	0.14	165
H Distribution - Weather	629,398	212	2,393,392	14,101	3.8	0.02	170	248	4,566,780	17,947	7.3	0.03	254
I Distribution - Wildlife	629,398	718	3,389,398	30,144	5.4	0.05	112	719	3,409,904	30,596	5.4	0.05	111
J Distribution - Unknown	629,398	655	2,326,777	27,566	3.7	0.04	84	668	2,418,201	27,972	3.8	0.04	86
K Distribution - Other	629,398	160	718,762	22,424	1.1	0.04	32	163	719,835	22,427	1.1	0.04	32
Grand Total	**629,398**	**6,436**	**63,131,397**	**554,672**	**100.30**	**0.881**	**114**	**6,689**	**84,737,202**	**640,440**	**134.63**	**1.018**	**132**

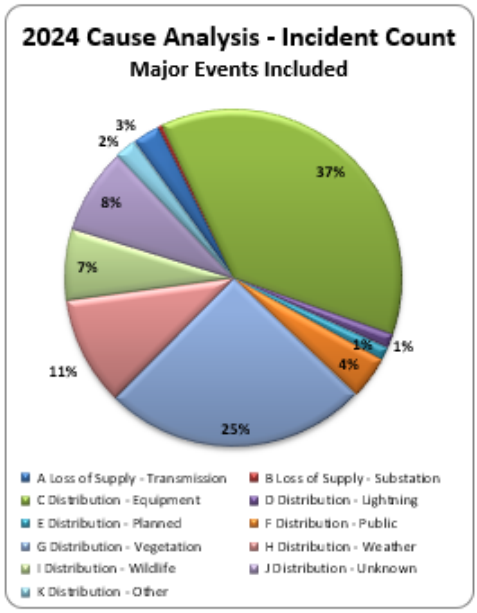
Oregon Five-Year Cause Analysis by State

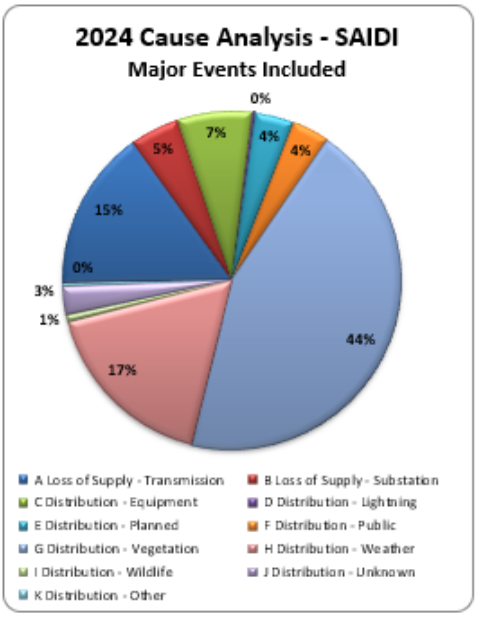
OAR Cause	2024 - State												
	Oregon Customer count	Major Event Excluded						Major Event Included					
		Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	638,000	111	7,056,719	127,461	11.1	0.20	55	188	34,646,613	242,685	54.3	0.38	143
B Loss of Supply - Substation	638,000	18	3,529,375	15,864	5.5	0.02	222	30	10,505,375	33,733	16.5	0.05	311
C Distribution - Equipment	638,000	2,420	12,132,787	78,382	19.0	0.12	155	2,711	15,987,514	95,312	25.1	0.15	168
D Distribution - Lightning	638,000	34	69,084	327	0.1	0.00	211	98	694,525	5,067	1.1	0.01	137
E Distribution - Planned	638,000	70	989,501	9,643	1.6	0.02	103	93	8,270,239	17,049	13.0	0.03	485
F Distribution - Public	638,000	276	7,583,697	42,251	11.9	0.07	179	295	8,071,552	45,130	12.7	0.07	179
G Distribution - Vegetation	638,000	1,005	18,013,901	85,628	28.2	0.13	210	1,833	99,632,616	176,741	156.2	0.28	564
H Distribution - Weather	638,000	282	3,990,534	16,987	6.3	0.03	235	757	38,685,390	58,153	60.6	0.09	665
I Distribution - Wildlife	638,000	483	1,604,762	18,517	2.5	0.03	87	499	1,631,439	18,733	2.6	0.03	87
J Distribution - Unknown	638,000	532	3,144,287	37,646	4.9	0.06	84	594	5,996,418	45,019	9.4	0.07	133
K Distribution - Other	638,000	129	557,557	12,170	0.9	0.02	46	149	644,870	12,876	1.0	0.02	50
Grand Total	**638,000**	**5,360**	**58,672,203**	**444,876**	**91.96**	**0.697**	**132**	**7,247**	**224,766,552**	**750,498**	**352.30**	**1.176**	**299**

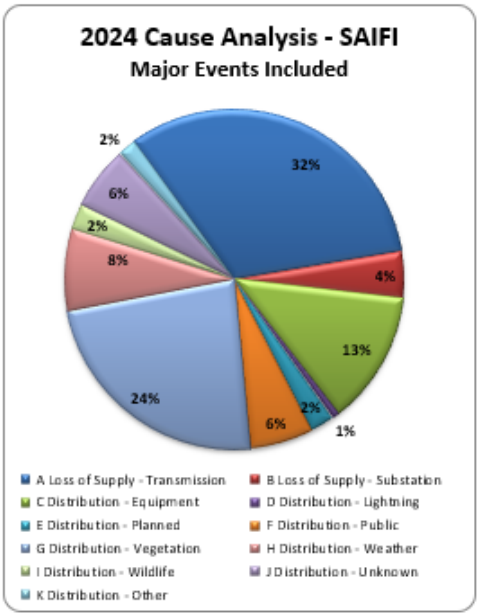












Central Oregon Reporting Region Five-Year Cause Analysis

OAR Cause	2020 - Central Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	84,563	1	317,579	982	3.76	0.012	323	4	3,988,828	6,197	47.17	0.073	644
B Loss of Supply - Substation	84,563	-	-	-	-	-	-	-	-	-	-	-	-
C Distribution - Equipment	84,563	306	1,412,552	6,739	16.70	0.080	210	343	2,232,911	10,195	26.41	0.121	219
D Distribution - Lightning	84,563	19	18,933	175	0.22	0.002	108	28	192,756	334	2.28	0.004	577
E Distribution - Planned	84,563	336	1,080,090	10,813	12.77	0.128	100	356	1,120,178	12,012	13.25	0.142	93
F Distribution - Public	84,563	46	778,277	6,716	9.20	0.079	116	53	1,856,853	10,573	21.96	0.125	176
G Distribution - Vegetation	84,563	32	67,848	414	0.80	0.005	164	72	3,313,299	7,677	39.18	0.091	432
H Distribution - Weather	84,563	12	39,065	315	0.46	0.004	124	57	6,654,735	7,895	78.70	0.093	843
I Distribution - Wildlife	84,563	89	48,332	537	0.57	0.006	90	92	49,029	544	0.58	0.006	90
J Distribution - Unknown	84,563	58	308,623	3,283	3.65	0.039	94	61	349,438	3,585	4.13	0.042	97
K Distribution - Other	84,563	34	463,740	2,066	5.48	0.024	224	39	464,812	2,078	5.50	0.025	224
Grand Total	**84,563**	**933**	**4,535,040**	**32,040**	**53.63**	**0.379**	**142**	**1,105**	**20,222,841**	**61,090**	**239.15**	**0.722**	**331**

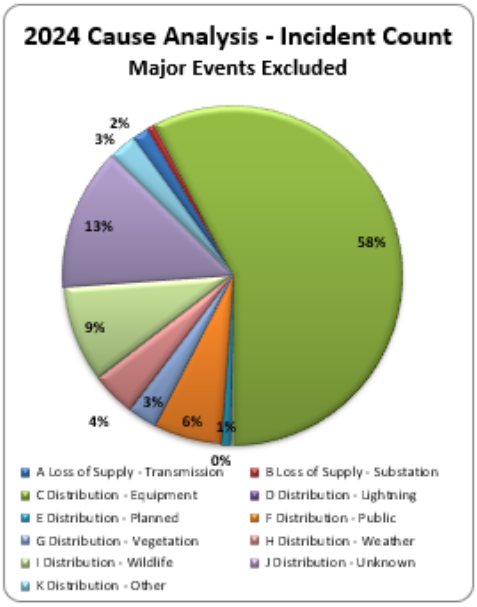
OAR Cause	2021 - Central Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	87,425	1	21,846	996	0.25	0.011	22	9	644,546	13,344	7.37	0.153	48
B Loss of Supply - Substation	87,425	6	383,828	6,786	4.39	0.078	-	7	849,567	9,723	9.72	0.111	-
C Distribution - Equipment	87,425	305	1,637,048	9,162	18.73	0.105	179	348	2,358,135	12,519	26.97	0.143	188
D Distribution - Lightning	87,425	10	2,730	16	0.03	0.000	171	12	25,279	87	0.29	0.001	291
E Distribution - Planned	87,425	440	2,866,748	17,095	32.79	0.196	168	453	3,082,960	17,925	35.26	0.205	172
F Distribution - Public	87,425	49	1,165,539	7,337	13.33	0.084	159	55	1,205,622	7,565	13.79	0.087	159
G Distribution - Vegetation	87,425	28	174,088	670	1.99	0.008	260	46	3,922,578	6,339	44.87	0.073	619
H Distribution - Weather	87,425	16	104,897	738	1.20	0.008	142	32	1,416,193	3,650	16.20	0.042	388
I Distribution - Wildlife	87,425	95	524,193	8,001	6.00	0.092	66	97	524,579	8,005	6.00	0.092	66
J Distribution - Unknown	87,425	68	212,976	1,371	2.44	0.016	155	81	633,054	3,885	7.24	0.044	163
K Distribution - Other	87,425	21	229,256	1,494	2.62	0.017	153	24	457,091	2,077	5.23	0.024	220
Grand Total	**87,425**	**1,039**	**7,323,146**	**53,666**	**83.76**	**0.614**	**136**	**1,164**	**15,119,604**	**85,119**	**172.94**	**0.974**	**178**

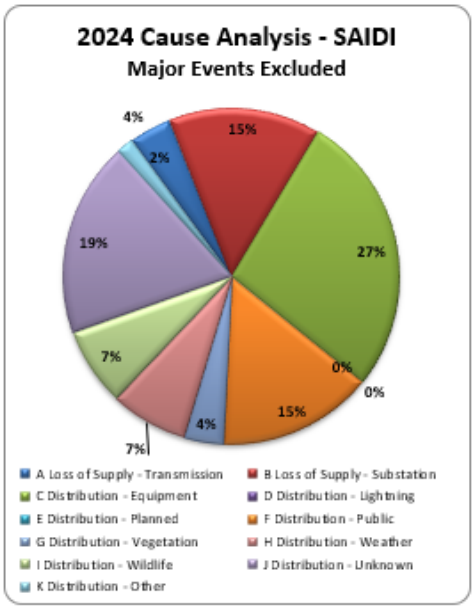
OAR Cause	2022 - Central Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	88,613	29	1,031,577	12,980	11.64	0.15	79	44	1,415,830	16,884	15.98	0.19	84
B Loss of Supply - Substation	88,613	25	1,098,936	8,788	12.40	0.10	125	28	1,147,420	10,110	12.95	0.11	113
C Distribution - Equipment	88,613	261	1,622,664	12,313	18.31	0.14	132	281	1,662,393	12,554	18.76	0.14	132
D Distribution - Lightning	88,613	4	3,103	24	0.04	0.00	129	7	3,286	26	0.04	0.00	126
E Distribution - Planned	88,613	52	1,194,323	12,837	13.48	0.14	93	58	1,206,654	12,959	13.62	0.15	93
F Distribution - Public	88,613	66	931,237	7,995	10.51	0.09	116	68	1,114,458	10,732	12.58	0.12	104
G Distribution - Vegetation	88,613	92	674,736	5,832	7.61	0.07	116	160	1,126,957	14,940	12.72	0.17	75
H Distribution - Weather	88,613	17	44,077	351	0.50	0.00	126	60	533,715	5,156	6.02	0.06	104
I Distribution - Wildlife	88,613	50	670,952	6,471	7.57	0.07	104	50	670,952	6,471	7.57	0.07	-
J Distribution - Unknown	88,613	76	354,660	4,171	4.00	0.05	85	80	366,038	4,321	4.13	0.05	85
K Distribution - Other	88,613	32	467,602	2,716	5.28	0.03	172	36	487,425	2,813	5.50	0.03	173
Grand Total	**88,613**	**704**	**8,093,868**	**74,478**	**91.34**	**0.840**	**109**	**872**	**9,735,130**	**96,966**	**109.86**	**1.094**	**100**

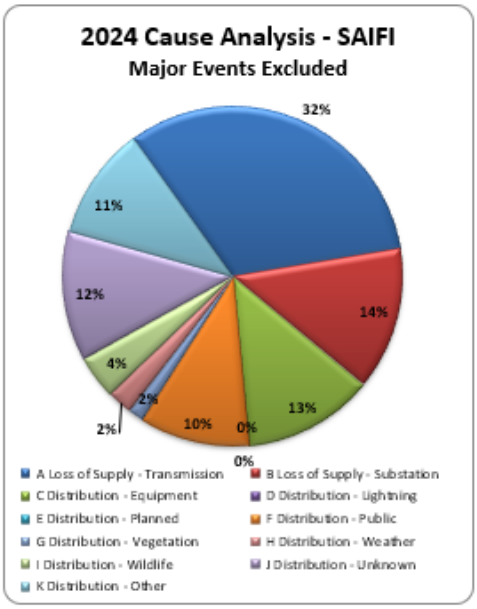
OAR Cause	2023 - Central Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	89,594	2	61,809	1,535	0.7	0.02	40	15	1,903,037	21,869	21.2	0.24	87
B Loss of Supply - Substation	89,594	-	-	-	-	-	-	-	-	-	-	-	-
C Distribution - Equipment	89,594	332	1,535,491	9,847	17.1	0.11	156	335	2,634,944	14,271	29.4	0.16	185
D Distribution - Lightning	89,594	30	45,638	1,082	0.5	0.01	42	30	45,638	1,082	0.5	0.01	42
E Distribution - Planned	89,594	6	38,176	322	0.4	0.00	119	6	38,176	322	0.4	0.00	119
F Distribution - Public	89,594	41	301,787	1,453	3.4	0.02	208	42	301,804	1,454	3.4	0.02	208
G Distribution - Vegetation	89,594	9	38,979	551	0.4	0.01	71	9	38,979	551	0.4	0.01	71
H Distribution - Weather	89,594	13	64,454	379	0.7	0.00	170	13	64,454	379	0.7	0.00	170
I Distribution - Wildlife	89,594	67	481,952	2,396	5.4	0.03	201	67	481,952	2,396	5.4	0.03	201
J Distribution - Unknown	89,594	47	111,641	1,455	1.2	0.02	77	49	112,763	1,468	1.3	0.02	77
K Distribution - Other	89,594	14	61,346	644	0.7	0.01	95	14	61,346	644	0.7	0.01	95
Grand Total	**89,594**	**561**	**2,741,273**	**19,664**	**30.60**	**0.219**	**139**	**580**	**5,683,093**	**44,436**	**63.43**	**0.496**	**128**

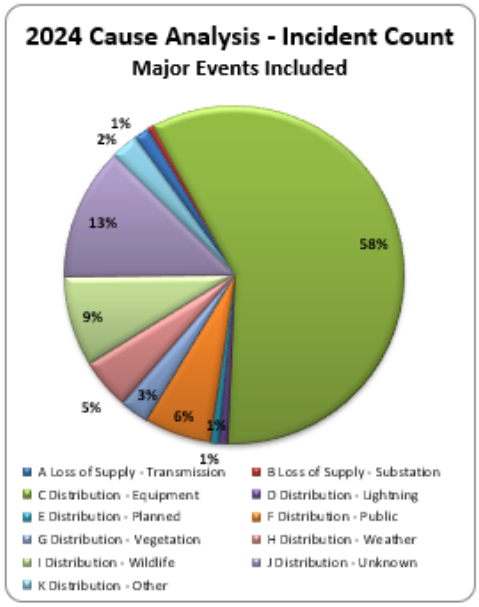
Central Oregon Reporting Region Five-Year Cause Analysis

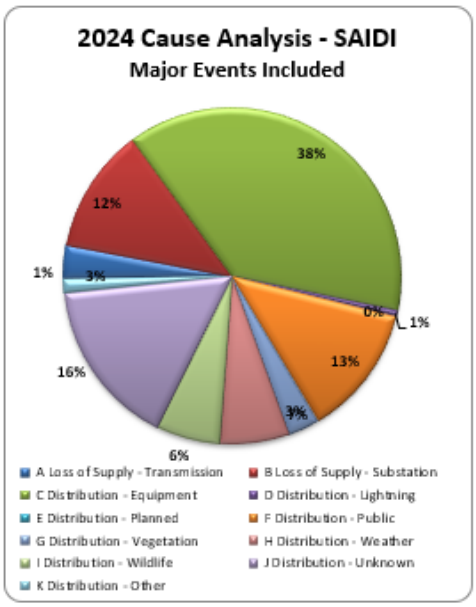
OAR Cause	2024 - Central Oregon Reporting Region												
	Oregon Customer count	Major Event Excluded						Major Event Included					
		Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	92,193	7	134,926	13,228	1.46	0.14	10	7	134,926	13,228	1.46	0.14	10
B Loss of Supply - Substation	92,193	3	500,950	5,577	5.43	0.06	90	3	500,950	5,577	5.43	0.06	-
C Distribution - Equipment	92,193	243	927,246	5,095	10.06	0.06	182	278	1,596,221	7,815	17.31	0.08	204
D Distribution - Lightning	92,193	1	213	1	0.00	0.00	213	4	24,149	71	0.26	0.00	340
E Distribution - Planned	92,193	4	1,289	19	0.01	0.00	68	4	1,289	19	0.01	0.00	68
F Distribution - Public	92,193	27	510,943	4,256	5.54	0.05	120	30	523,557	4,331	5.68	0.05	121
G Distribution - Vegetation	92,193	12	129,697	595	1.41	0.01	218	13	130,032	596	1.41	0.01	218
H Distribution - Weather	92,193	18	254,115	987	2.76	0.01	257	23	276,742	1,105	3.00	0.01	250
I Distribution - Wildlife	92,193	39	256,313	1,697	2.78	0.02	151	41	256,599	1,700	2.78	0.02	151
J Distribution - Unknown	92,193	57	643,258	5,033	6.98	0.05	128	60	668,540	5,186	7.25	0.06	129
K Distribution - Other	92,193	11	55,900	4,387	0.61	0.05	13	12	56,393	4,394	0.61	0.05	13
Grand Total	**92,193**	**422**	**3,414,851**	**40,875**	**37.04**	**0.443**	**84**	**475**	**4,169,397**	**44,022**	**45.22**	**0.477**	**95**

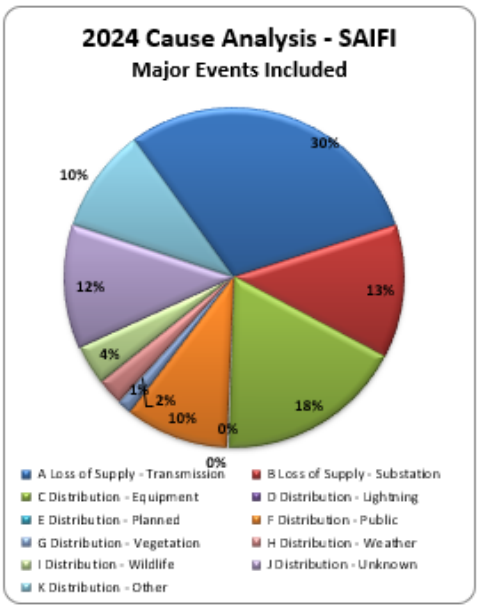












CoastPlus Reporting Region Five-Year Cause Analysis

OAR Cause	2020 - CoastPlus Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	157,189	43	2,571,426	75,441	16.36	0.480	34	81	12,574,356	137,438	80.00	0.874	91
B Loss of Supply - Substation	157,189	-	-	-	-	-	-	2	738,370	991	4.70	0.006	745
C Distribution - Equipment	157,189	766	3,263,393	29,436	20.76	0.187	111	822	3,870,450	32,357	24.62	0.206	120
D Distribution - Lightning	157,189	8	36,634	459	0.23	0.003	80	11	53,086	465	0.34	0.003	114
E Distribution - Planned	157,189	833	3,050,080	24,282	19.40	0.154	126	877	31,847,588	34,434	202.61	0.219	925
F Distribution - Public	157,189	108	2,263,278	14,813	14.40	0.094	153	115	2,496,941	18,202	15.88	0.116	137
G Distribution - Vegetation	157,189	297	4,805,105	33,413	30.57	0.213	144	458	10,426,274	55,196	66.33	0.351	189
H Distribution - Weather	157,189	41	823,032	3,971	5.24	0.025	207	100	8,069,226	22,502	51.33	0.143	359
I Distribution - Wildlife	157,189	95	715,713	9,044	4.55	0.058	79	101	726,824	9,088	4.62	0.058	80
J Distribution - Unknown	157,189	100	728,075	7,734	4.63	0.049	94	117	781,370	8,099	4.97	0.052	96
K Distribution - Other	157,189	51	359,441	5,429	2.29	0.035	66	87	20,008,230	16,905	127.29	0.108	1,184
Grand Total	**157,189**	**2,342**	**18,616,177**	**204,022**	**118.43**	**1.298**	**91**	**2,771**	**91,592,715**	**335,677**	**582.69**	**2.135**	**273**

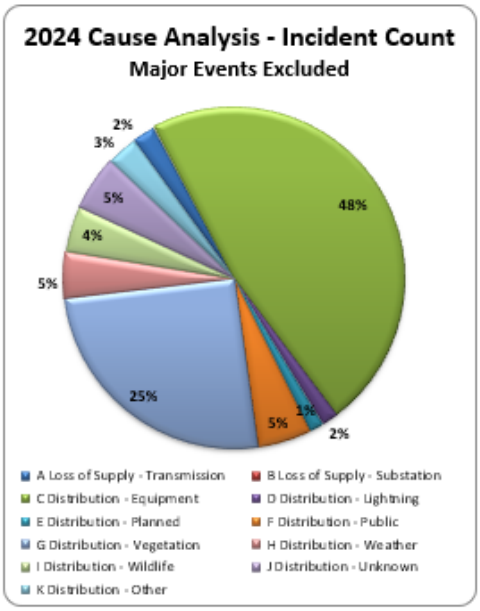
OAR Cause	2021 - CoastPlus Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	158,938	11	528,405	14,366	3.32	0.090	37	34	2,860,341	43,214	18.00	0.272	66
B Loss of Supply - Substation	158,938	7	273,000	13,369	1.72	0.084	-	15	1,297,683	22,432	8.16	0.141	58
C Distribution - Equipment	158,938	723	6,800,111	34,635	42.78	0.218	196	864	7,959,859	39,013	50.08	0.245	204
D Distribution - Lightning	158,938	1	41	1	0.00	0.000	41	1	41	1	0.00	0.000	41
E Distribution - Planned	158,938	891	3,529,703	40,432	22.21	0.254	87	951	6,319,495	52,513	39.76	0.330	120
F Distribution - Public	158,938	101	2,817,858	16,908	17.73	0.106	167	108	2,828,425	16,944	17.80	0.107	167
G Distribution - Vegetation	158,938	285	4,291,237	27,792	27.00	0.175	154	571	21,520,389	70,109	135.40	0.441	307
H Distribution - Weather	158,938	65	381,409	2,852	2.40	0.018	134	191	25,554,201	46,411	160.78	0.292	551
I Distribution - Wildlife	158,938	98	526,241	7,477	3.31	0.047	70	103	550,876	7,708	3.47	0.048	71
J Distribution - Unknown	158,938	124	818,156	7,419	5.15	0.047	110	145	1,340,440	9,652	8.43	0.061	139
K Distribution - Other	158,938	92	91,333	658	0.57	0.004	139	122	3,569,309	3,343	22.46	0.021	1,068
Grand Total	**158,938**	**2,398**	**20,057,493**	**165,909**	**126.20**	**1.044**	**121**	**3,105**	**73,801,059**	**311,340**	**464.34**	**1.959**	**237**

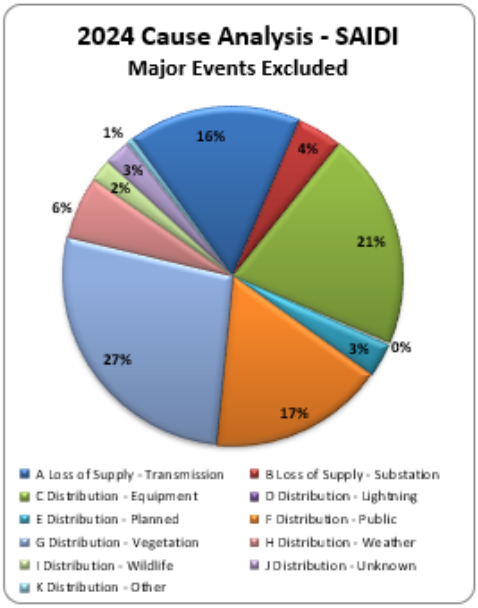
OAR Cause	2022 - CoastPlus Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	160,532	5	184,900	1,725	1.15	0.01	107	7	186,408	1,735	1.16	0.01	107
B Loss of Supply - Substation	160,532	8	244,201	922	1.52	0.01	265	8	244,201	922	1.52	0.01	-
C Distribution - Equipment	160,532	845	17,654,453	85,954	109.97	0.54	205	866	17,826,166	86,397	111.04	0.54	206
D Distribution - Lightning	160,532	21	369,135	4,607	2.30	0.03	80	25	480,813	4,912	3.00	0.03	98
E Distribution - Planned	160,532	130	3,629,948	12,490	22.61	0.08	291	138	3,695,458	13,760	23.02	0.09	269
F Distribution - Public	160,532	143	7,373,105	30,673	45.93	0.19	240	145	7,420,294	33,070	46.22	0.21	224
G Distribution - Vegetation	160,532	278	10,289,802	41,140	64.10	0.26	250	478	20,108,363	73,921	125.26	0.46	272
H Distribution - Weather	160,532	75	2,035,544	15,656	12.68	0.10	130	190	4,602,485	26,294	28.67	0.16	175
I Distribution - Wildlife	160,532	260	7,457,449	34,543	46.45	0.22	216	264	7,486,670	34,708	46.64	0.22	216
J Distribution - Unknown	160,532	231	7,063,358	29,826	44.00	0.19	237	244	7,430,270	32,085	46.29	0.20	232
K Distribution - Other	160,532	88	1,150,606	7,656	7.17	0.05	150	94	1,256,108	8,859	7.82	0.06	142
Grand Total	**160,532**	**2,084**	**57,452,500**	**265,192**	**357.89**	**1.652**	**217**	**2,459**	**70,737,236**	**316,663**	**440.64**	**1.973**	**223**

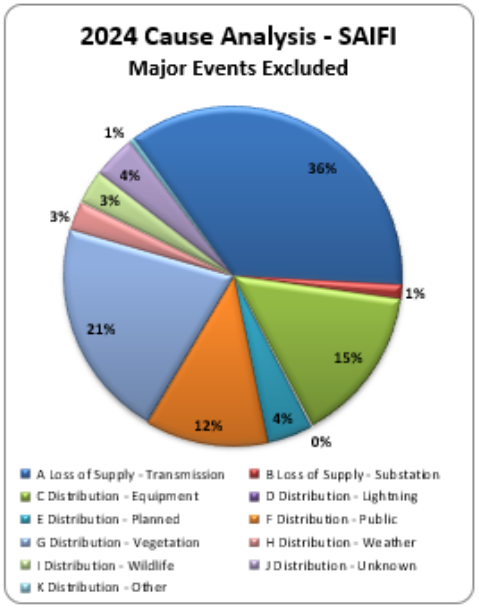
OAR Cause	2023 - CoastPlus Reporting Region												
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A Loss of Supply - Transmission	160,224	35	2,712,939	54,975	16.9	0.34	49	38	5,830,916	59,299	36.4	0.37	98
B Loss of Supply - Substation	160,224	6	698,877	9,466	4.4	0.06	74	6	698,877	9,466	4.4	0.06	74
C Distribution - Equipment	160,224	750	4,308,695	30,350	26.9	0.19	142	774	4,410,210	31,027	27.5	0.19	142
D Distribution - Lightning	160,224	7	4,047	32	0.0	0.00	126	7	4,047	32	0.0	0.00	126
E Distribution - Planned	160,224	15	124,734	3,658	0.8	0.02	34	18	171,492	3,840	1.1	0.02	45
F Distribution - Public	160,224	70	1,462,292	8,934	9.1	0.06	164	71	1,462,429	8,935	9.1	0.06	164
G Distribution - Vegetation	160,224	321	3,503,054	22,991	21.9	0.14	152	380	5,244,314	26,639	32.7	0.17	197
H Distribution - Weather	160,224	41	296,362	3,294	1.8	0.02	90	55	1,750,439	6,451	10.9	0.04	271
I Distribution - Wildlife	160,224	84	331,519	6,486	2.1	0.04	51	84	331,519	6,486	2.1	0.04	51
J Distribution - Unknown	160,224	66	321,514	2,425	2.0	0.02	133	70	367,885	2,503	2.3	0.02	147
K Distribution - Other	160,224	39	103,861	959	0.6	0.01	108	40	104,126	960	0.6	0.01	108
Grand Total	**160,224**	**1,434**	**13,867,893**	**143,570**	**86.55**	**0.896**	**97**	**1,543**	**20,376,254**	**155,638**	**127.17**	**0.971**	**131**

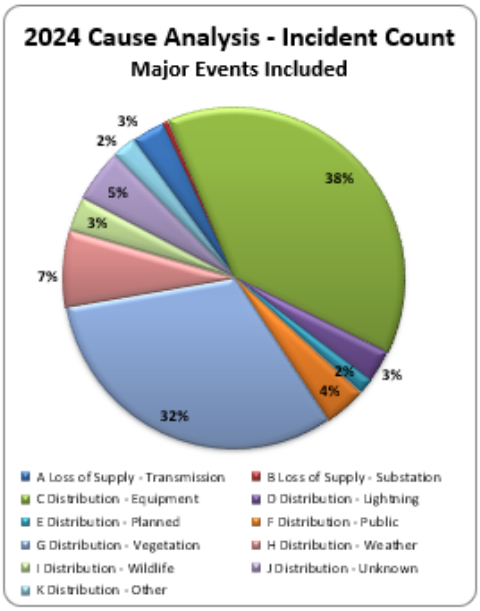
CoastPlus Reporting Region Five-Year Cause Analysis

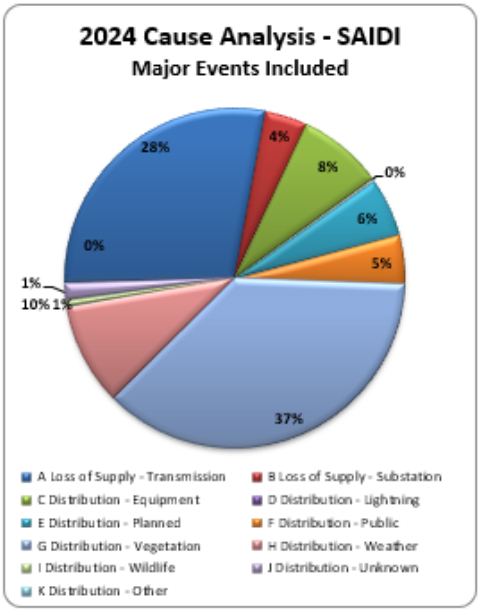
OAR Cause	2024 - CoastPlus Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	161,184	30	3,232,751	57,065	20.1	0.35	57	64	20,762,178	110,124	128.8	0.68	189
B Loss of Supply - Substation	161,184	3	848,786	2,262	5.3	0.01	375	10	2,965,915	8,555	18.4	0.05	347
C Distribution - Equipment	161,184	670	4,030,970	23,914	25.0	0.15	169	770	5,973,250	34,749	37.1	0.22	172
D Distribution - Lightning	161,184	22	54,231	224	0.3	0.00	242	63	134,712	766	0.8	0.00	176
E Distribution - Planned	161,184	19	629,541	7,085	3.9	0.04	89	29	4,205,300	11,555	26.1	0.07	364
F Distribution - Public	161,184	72	3,283,739	18,576	20.4	0.12	177	78	3,429,944	19,121	21.3	0.12	179
G Distribution - Vegetation	161,184	358	5,315,510	33,486	33.0	0.21	159	634	27,274,627	78,703	169.2	0.49	347
H Distribution - Weather	161,184	62	1,176,140	4,349	7.3	0.03	270	145	7,223,495	19,253	44.8	0.12	375
I Distribution - Wildlife	161,184	61	430,944	5,081	2.7	0.03	85	65	438,746	5,134	2.7	0.03	85
J Distribution - Unknown	161,184	74	489,872	6,525	3.0	0.04	75	100	1,099,098	9,168	6.8	0.06	120
K Distribution - Other	161,184	41	128,929	839	0.8	0.01	154	45	158,623	1,255	1.0	0.01	126
Grand Total	**161,184**	**1,412**	**19,621,414**	**159,406**	**121.73**	**0.989**	**123**	**2,003**	**73,665,888**	**298,383**	**457.03**	**1.851**	**247**

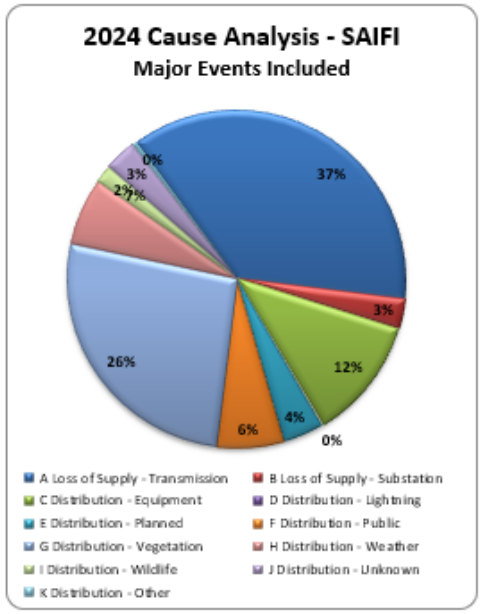












Northeast Oregon Reporting Region Five-Year Cause Analysis

OAR Cause	2020 - Northeast Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	25,560	5	88,111	3,188	3.45	0.125	28	15	1,016,302	10,576	39.76	0.414	96
B Loss of Supply - Substation	25,560	2	26,713	1,991	1.05	0.078	13	2	26,713	1,991	1.05	0.078	13
C Distribution - Equipment	25,560	248	932,302	5,530	36.48	0.216	169	289	1,197,281	8,049	46.84	0.315	149
D Distribution - Lightning	25,560	10	5,052	29	0.20	0.001	174	24	329,959	245	12.91	0.010	1,347
E Distribution - Planned	25,560	194	390,991	4,869	15.30	0.190	80	211	493,057	6,605	19.29	0.258	75
F Distribution - Public	25,560	18	194,736	1,854	7.62	0.073	105	24	216,942	1,927	8.49	0.075	113
G Distribution - Vegetation	25,560	40	326,541	4,244	12.78	0.166	77	88	1,421,314	7,923	55.61	0.310	179
H Distribution - Weather	25,560	42	258,488	1,051	10.11	0.041	246	84	1,766,273	5,348	69.10	0.209	330
I Distribution - Wildlife	25,560	104	80,323	786	3.14	0.031	102	120	90,120	884	3.53	0.035	102
J Distribution - Unknown	25,560	92	291,791	4,784	11.42	0.187	61	97	300,872	4,826	11.77	0.189	62
K Distribution - Other	25,560	26	93,062	1,476	3.64	0.058	63	28	119,040	1,503	4.66	0.059	79
Grand Total	**25,560**	**781**	**2,688,110**	**29,802**	**105.17**	**1.166**	**90**	**982**	**6,977,873**	**49,877**	**273.00**	**1.951**	**140**

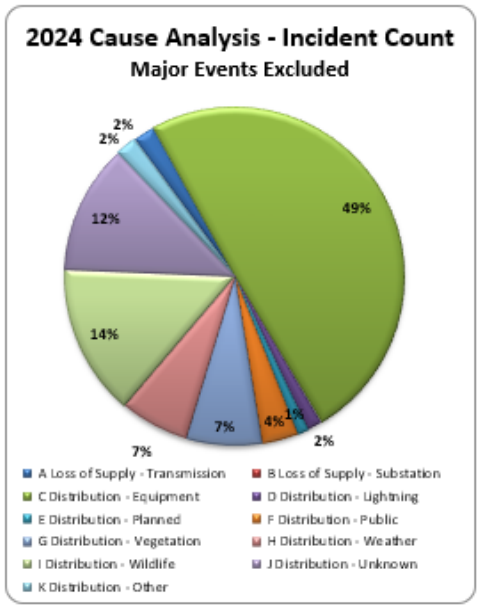
OAR Cause	2021 - Northeast Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	25,793	3	14,738	1,798	0.57	0.070	8	8	719,318	4,620	27.89	0.179	156
B Loss of Supply - Substation	25,793	3	137,969	1,962	5.35	0.076	70	3	137,969	1,962	5.35	0.076	70
C Distribution - Equipment	25,793	163	1,062,350	7,243	41.19	0.281	147	182	1,131,896	7,557	43.88	0.293	150
D Distribution - Lightning	25,793	9	55,351	102	2.15	0.004	543	9	55,351	102	2.15	0.004	543
E Distribution - Planned	25,793	190	1,333,883	13,162	51.71	0.510	101	197	1,342,050	13,205	52.03	0.512	102
F Distribution - Public	25,793	22	168,171	1,125	6.52	0.044	149	24	290,184	1,823	11.25	0.071	159
G Distribution - Vegetation	25,793	40	258,742	1,257	10.03	0.049	206	54	316,130	1,562	12.26	0.061	202
H Distribution - Weather	25,793	36	209,573	820	8.13	0.032	256	69	410,044	1,707	15.90	0.066	240
I Distribution - Wildlife	25,793	97	99,838	1,139	3.87	0.044	88	99	99,937	1,141	3.87	0.044	88
J Distribution - Unknown	25,793	87	198,337	1,971	7.69	0.076	101	94	202,581	1,997	7.85	0.077	101
K Distribution - Other	25,793	28	38,566	943	1.50	0.037	41	30	39,154	947	1.52	0.037	41
Grand Total	**25,793**	**678**	**3,577,519**	**31,522**	**138.70**	**1.222**	**113**	**769**	**4,744,613**	**36,623**	**183.95**	**1.420**	**130**

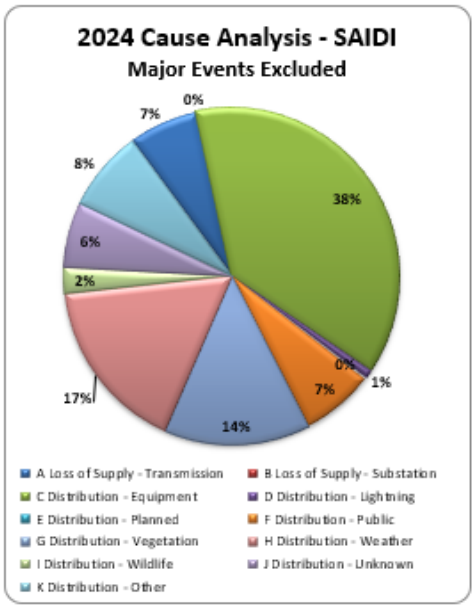
OAR Cause	2022 - Northeast Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	25,969	10	19,690	157	0.76	0.01	125	14	33,756	252	1.30	0.01	134
B Loss of Supply - Substation	25,969	1	5,822	16	0.22	0.00	364	1	5,822	16	0.22	0.00	-
C Distribution - Equipment	25,969	235	3,541,025	19,387	136.36	0.75	183	265	3,695,058	19,866	142.29	0.76	186
D Distribution - Lightning	25,969	19	483,962	5,180	18.64	0.20	93	34	498,019	5,281	19.18	0.20	94
E Distribution - Planned	25,969	45	489,559	6,686	18.85	0.26	73	46	489,847	6,687	18.86	0.26	73
F Distribution - Public	25,969	33	276,945	3,399	10.66	0.13	81	35	280,568	3,418	10.80	0.13	82
G Distribution - Vegetation	25,969	79	2,121,571	12,319	81.70	0.47	172	147	2,449,195	15,519	94.31	0.60	158
H Distribution - Weather	25,969	15	247,538	1,194	9.53	0.05	207	50	805,765	4,201	31.03	0.16	192
I Distribution - Wildlife	25,969	112	1,084,067	5,828	41.74	0.22	186	113	1,085,907	5,838	41.82	0.22	186
J Distribution - Unknown	25,969	69	481,700	1,530	18.55	0.06	315	75	485,196	1,541	18.68	0.06	315
K Distribution - Other	25,969	30	296,796	2,259	11.43	0.09	131	31	296,865	2,260	11.43	0.09	131
Grand Total	**25,969**	**648**	**9,048,675**	**57,955**	**348.44**	**2.232**	**156**	**811**	**10,125,998**	**64,879**	**389.93**	**2.498**	**156**

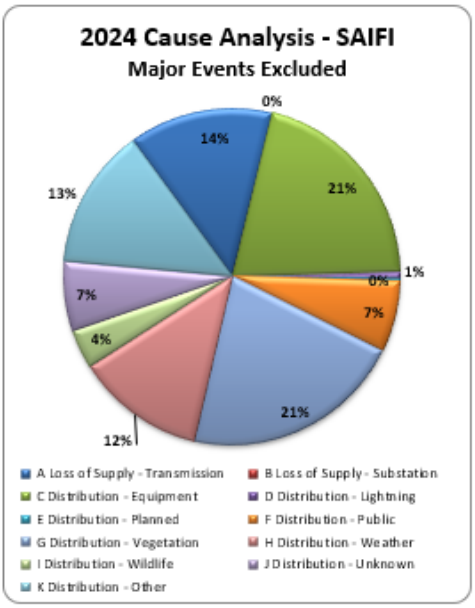
OAR Cause	2023 - Northeast Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	25,954	10	369,381	6,568	14.2	0.25	56	10	369,381	6,568	14.2	0.25	56
B Loss of Supply - Substation	25,954	4	118,404	2,432	4.6	0.09	49	4	118,404	2,432	4.6	0.09	49
C Distribution - Equipment	25,954	225	980,462	5,847	37.8	0.23	168	226	980,781	5,851	37.8	0.23	168
D Distribution - Lightning	25,954	24	130,114	999	5.0	0.04	130	24	130,114	999	5.0	0.04	130
E Distribution - Planned	25,954	5	52,822	1,299	2.0	0.05	41	5	52,822	1,299	2.0	0.05	41
F Distribution - Public	25,954	17	219,731	1,317	8.5	0.05	167	18	264,346	1,451	10.2	0.06	182
G Distribution - Vegetation	25,954	20	51,084	209	2.0	0.01	244	20	51,084	209	2.0	0.01	244
H Distribution - Weather	25,954	7	8,163	41	0.3	0.00	199	7	8,163	41	0.3	0.00	199
I Distribution - Wildlife	25,954	90	110,347	2,663	4.3	0.10	41	90	110,347	2,663	4.3	0.10	41
J Distribution - Unknown	25,954	75	256,336	3,319	9.9	0.13	77	75	256,336	3,319	9.9	0.13	77
K Distribution - Other	25,954	10	41,464	808	1.6	0.03	51	10	41,464	808	1.6	0.03	51
Grand Total	**25,954**	**487**	**2,338,307**	**25,502**	**90.09**	**0.983**	**92**	**489**	**2,383,242**	**25,640**	**91.83**	**0.988**	**93**

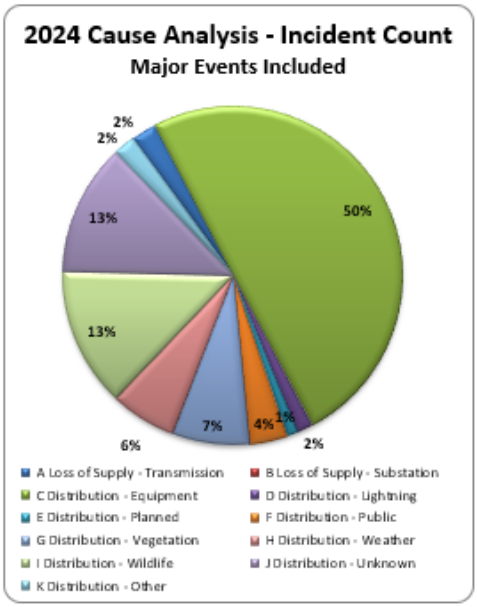
Northeast Oregon Reporting Region Five-Year Cause Analysis

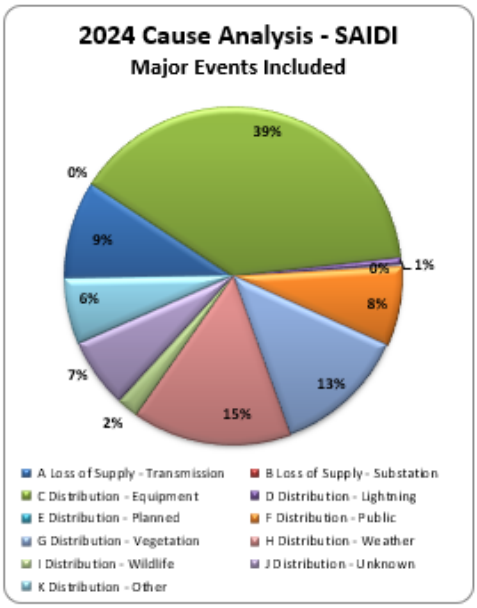
OAR Cause	2024 - Northeast Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	26,857	7	98,137	1,947	3.7	0.07	50	9	177,744	3,333	6.6	0.12	53
B Loss of Supply - Substation	26,857	-	-	-	-	-	-	-	-	-	-	-	-
C Distribution - Equipment	26,857	172	564,222	2,914	21.0	0.11	194	191	735,204	3,883	27.4	0.14	189
D Distribution - Lightning	26,857	5	12,303	95	0.5	0.00	130	6	12,503	96	0.5	0.00	130
E Distribution - Planned	26,857	4	3,829	40	0.1	0.00	96	4	3,829	40	0.1	0.00	96
F Distribution - Public	26,857	12	104,555	963	3.9	0.04	109	14	143,582	1,162	5.3	0.04	124
G Distribution - Vegetation	26,857	25	209,939	3,004	7.8	0.11	70	28	240,434	3,429	9.0	0.13	70
H Distribution - Weather	26,857	23	250,115	1,740	9.3	0.06	144	24	287,224	1,915	10.7	0.07	150
I Distribution - Wildlife	26,857	50	37,628	534	1.4	0.02	70	51	39,112	564	1.5	0.02	69
J Distribution - Unknown	26,857	43	94,219	933	3.5	0.03	101	48	125,260	1,099	4.7	0.04	114
K Distribution - Other	26,857	7	117,076	1,909	4.4	0.07	61	8	117,151	1,910	4.4	0.07	61
Grand Total	**26,857**	**348**	**1,492,022**	**14,079**	**55.55**	**0.524**	**106**	**383**	**1,882,044**	**17,431**	**70.08**	**0.649**	**108**

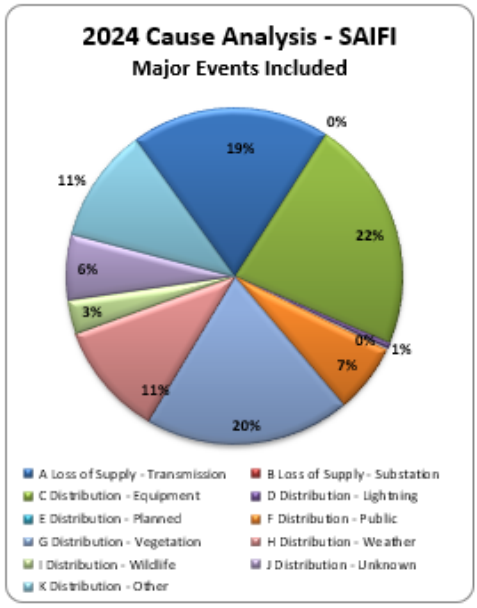












Southern Oregon Reporting Region Five-Year Cause Analysis

OAR Cause	2020 - Southern Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	226,208	76	7,769,837	70,261	34.35	0.311	111	107	16,676,623	110,624	73.72	0.489	151
B Loss of Supply - Substation	226,208	12	584,440	4,655	2.58	0.021	126	14	1,338,311	7,860	5.92	0.035	170
C Distribution - Equipment	226,208	1,104	3,759,518	20,556	16.62	0.091	183	1,230	6,564,911	29,450	29.02	0.130	223
D Distribution - Lightning	226,208	23	67,715	506	0.30	0.002	134	36	135,064	1,141	0.60	0.005	118
E Distribution - Planned	226,208	1,933	5,094,748	34,352	22.52	0.152	148	2,045	98,610,381	52,836	435.93	0.234	1,866
F Distribution - Public	226,208	157	5,259,220	29,029	23.25	0.128	181	165	5,374,578	29,346	23.76	0.130	183
G Distribution - Vegetation	226,208	298	4,929,854	27,182	21.79	0.120	181	590	30,188,522	49,754	133.45	0.220	607
H Distribution - Weather	226,208	48	1,091,750	9,716	4.83	0.043	112	404	23,998,882	51,804	106.09	0.229	463
I Distribution - Wildlife	226,208	448	1,508,496	16,210	6.67	0.072	93	509	1,647,857	17,442	7.28	0.077	94
J Distribution - Unknown	226,208	341	2,047,871	25,253	9.05	0.112	81	389	2,600,507	28,572	11.50	0.126	91
K Distribution - Other	226,208	105	927,354	13,823	4.10	0.061	67	163	6,689,187	18,957	29.57	0.084	353
Grand Total	**226,208**	**4,545**	**33,040,804**	**251,543**	**146.06**	**1.112**	**131**	**5,652**	**193,824,821**	**397,786**	**856.84**	**1.758**	**487**

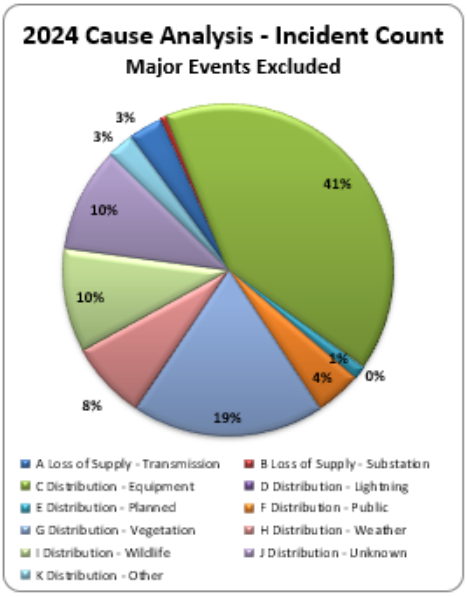
OAR Cause	2021 - Southern Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	225,834	73	3,451,181	78,646	15.28	0.348	44	76	3,864,363	82,009	17.11	0.363	47
B Loss of Supply - Substation	225,834	2	524,385	880	2.32	0.004	596	107	7,110,007	139,904	31.48	0.619	51
C Distribution - Equipment	225,834	1,062	5,151,690	28,008	22.81	0.124	184	1,164	5,559,043	30,237	24.62	0.134	184
D Distribution - Lightning	225,834	48	305,416	1,639	1.35	0.007	186	48	305,416	1,639	1.35	0.007	186
E Distribution - Planned	225,834	1,761	3,731,070	35,361	16.52	0.157	106	1,841	4,158,055	38,626	18.41	0.171	108
F Distribution - Public	225,834	129	2,179,521	14,279	9.65	0.063	153	135	2,280,165	14,831	10.10	0.066	154
G Distribution - Vegetation	225,834	362	6,733,057	28,460	29.81	0.126	237	622	13,371,668	45,384	59.21	0.201	295
H Distribution - Weather	225,834	103	1,054,849	4,821	4.67	0.021	219	290	5,157,012	14,664	22.84	0.065	352
I Distribution - Wildlife	225,834	429	931,461	9,198	4.12	0.041	101	444	1,024,191	10,021	4.54	0.044	102
J Distribution - Unknown	225,834	401	2,196,485	23,334	9.73	0.103	94	440	3,217,517	26,584	14.25	0.118	121
K Distribution - Other	225,834	139	361,689	5,129	1.60	0.023	71	156	736,390	7,840	3.26	0.035	94
Grand Total	**225,834**	**4,509**	**26,620,804**	**229,755**	**117.88**	**1.017**	**116**	**5,323**	**46,783,828**	**411,739**	**207.16**	**1.823**	**114**

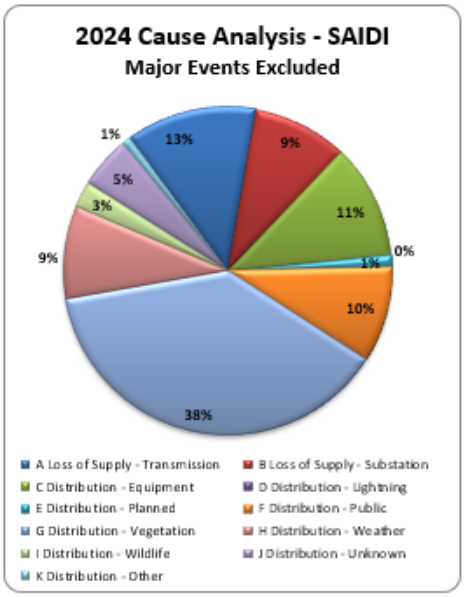
OAR Cause	2022 - Southern Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	227,474	7	11,132	68	0.05	0.00	164	11	179,996	739	0.79	0.00	244
B Loss of Supply - Substation	227,474	4	900	34	0.00	0.00	26	4	900	34	0.00	0.00	-
C Distribution - Equipment	227,474	1,472	22,732,130	133,245	99.93	0.59	171	1,573	25,060,472	146,359	110.17	0.64	171
D Distribution - Lightning	227,474	34	222,766	1,884	0.98	0.01	118	43	229,686	1,918	1.01	0.01	120
E Distribution - Planned	227,474	167	4,943,619	12,119	21.73	0.05	408	182	5,111,052	13,944	22.47	0.06	367
F Distribution - Public	227,474	172	3,620,290	15,063	15.92	0.07	240	176	3,632,456	15,113	15.97	0.07	240
G Distribution - Vegetation	227,474	334	7,222,499	40,341	31.75	0.18	179	592	15,244,793	88,868	67.02	0.39	172
H Distribution - Weather	227,474	64	1,235,656	5,419	5.43	0.02	228	203	6,986,998	32,598	30.72	0.14	214
I Distribution - Wildlife	227,474	391	2,700,505	11,189	11.87	0.05	241	398	2,989,658	14,369	13.14	0.06	208
J Distribution - Unknown	227,474	399	3,938,059	23,948	17.31	0.11	164	451	5,121,645	33,192	22.52	0.15	154
K Distribution - Other	227,474	127	1,466,749	4,392	6.45	0.02	334	137	1,756,808	8,426	7.72	0.04	208
Grand Total	**227,474**	**3,171**	**48,094,304**	**247,702**	**211.43**	**1.089**	**194**	**3,770**	**66,314,463**	**355,560**	**291.53**	**1.563**	**187**

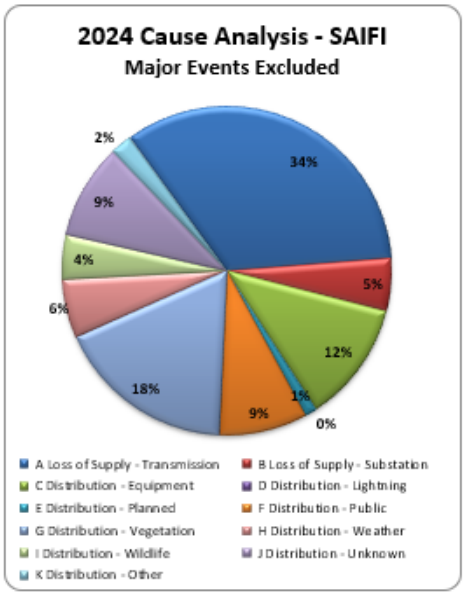
OAR Cause	2023 - Southern Oregon Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	227,244	73	4,496,473	79,242	19.8	0.35	57	101	12,014,650	116,171	52.9	0.51	103
B Loss of Supply - Substation	227,244	8	912,725	9,588	4.0	0.04	95	8	912,725	9,588	4.0	0.04	95
C Distribution - Equipment	227,244	1,148	6,297,992	38,731	27.7	0.17	163	1,172	6,640,663	40,211	29.2	0.18	165
D Distribution - Lightning	227,244	30	292,402	1,096	1.3	0.00	267	30	292,402	1,096	1.3	0.00	267
E Distribution - Planned	227,244	13	38,088	1,714	0.2	0.01	22	13	38,088	1,714	0.2	0.01	22
F Distribution - Public	227,244	131	3,718,041	24,409	16.4	0.11	152	132	3,768,175	24,501	16.6	0.11	154
G Distribution - Vegetation	227,244	350	4,660,751	26,510	20.5	0.12	176	383	5,417,788	27,812	23.8	0.12	195
H Distribution - Weather	227,244	141	2,009,827	10,280	8.8	0.05	196	163	2,729,139	10,969	12.0	0.05	249
I Distribution - Wildlife	227,244	312	1,536,398	10,187	6.8	0.04	151	313	1,556,904	10,639	6.9	0.05	146
J Distribution - Unknown	227,244	263	1,249,026	13,496	5.5	0.06	93	268	1,292,550	13,805	5.7	0.06	94
K Distribution - Other	227,244	69	323,039	12,548	1.4	0.06	26	71	323,847	12,550	1.4	0.06	26
Grand Total	**227,244**	**2,538**	**25,534,762**	**227,801**	**112.37**	**1.002**	**112**	**2,654**	**34,986,929**	**269,056**	**153.96**	**1.184**	**130**

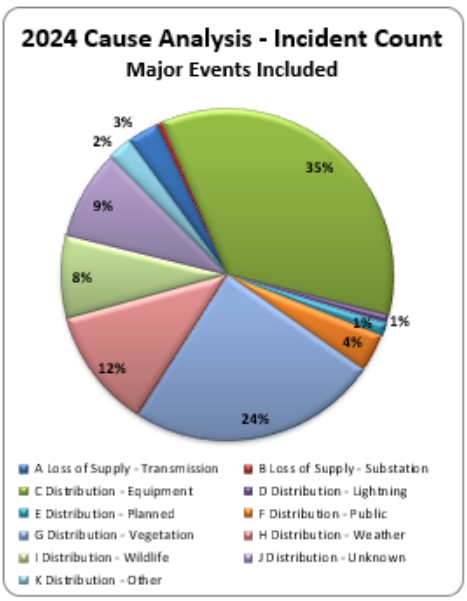
Southern Oregon Reporting Region Five-Year Cause Analysis

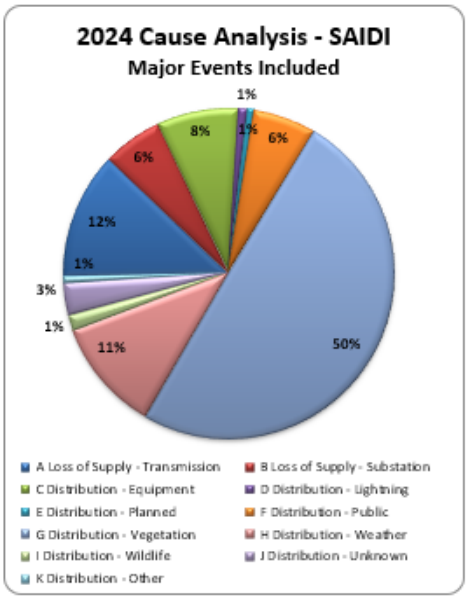
OAR Cause	2024 - Southern Oregon Reporting Region												
	Oregon Customer count	Major Event Excluded						Major Event Included					
		Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	229,586	64	2,956,236	51,789	12.9	0.23	57	76	4,902,931	66,126	21.4	0.29	74
B Loss of Supply - Substation	229,586	12	2,179,639	8,025	9.5	0.03	272	13	2,312,613	8,576	10.1	0.04	270
C Distribution - Equipment	229,586	789	2,629,201	18,182	11.5	0.08	145	872	3,126,130	19,540	13.6	0.09	160
D Distribution - Lightning	229,586	3	368	3	0.0	0.00	123	19	343,608	2,142	1.5	0.01	160
E Distribution - Planned	229,586	26	267,706	1,948	1.2	0.01	137	32	275,377	2,039	1.2	0.01	135
F Distribution - Public	229,586	87	2,184,855	13,277	9.5	0.06	165	92	2,413,392	15,197	10.5	0.07	159
G Distribution - Vegetation	229,586	360	8,844,392	27,076	38.5	0.12	327	602	19,632,103	43,509	85.5	0.19	451
H Distribution - Weather	229,586	148	2,125,217	8,867	9.3	0.04	240	289	4,379,846	14,375	19.1	0.06	305
I Distribution - Wildlife	229,586	195	602,795	6,676	2.6	0.03	90	200	603,815	6,683	2.6	0.03	90
J Distribution - Unknown	229,586	199	1,188,889	14,364	5.2	0.06	83	216	1,230,875	15,080	5.4	0.07	82
K Distribution - Other	229,586	50	201,483	3,222	0.9	0.01	63	60	256,976	3,500	1.1	0.02	73
Grand Total	**229,586**	**1,933**	**23,180,780**	**153,429**	**100.97**	**0.668**	**151**	**2,471**	**39,477,665**	**196,767**	**171.95**	**0.857**	**201**

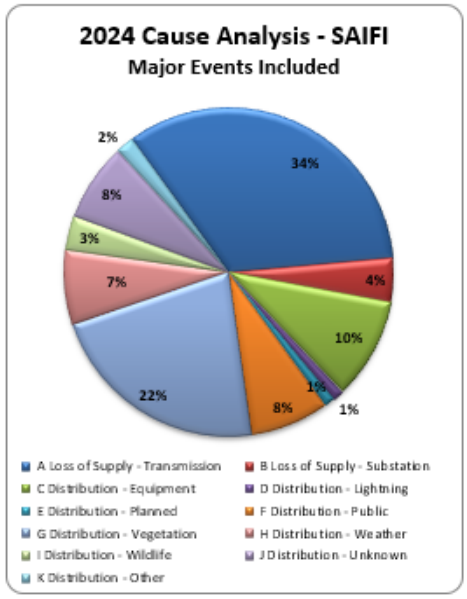












Willamette Valley Reporting Region Five-Year Cause Analysis

OAR Cause	2020 - Willamette Valley Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	123,813	4	604,142	7,206	4.88	0.058	84	10	3,814,777	22,949	30.81	0.185	166
B Loss of Supply - Substation	123,813	1	685,481	2,531	5.54	0.020	271	1	685,481	2,531	5.54	0.020	271
C Distribution - Equipment	123,813	662	3,617,213	28,409	29.22	0.229	127	737	4,153,958	29,372	33.55	0.237	141
D Distribution - Lightning	123,813	5	2,865	37	0.02	0.000	77	65	1,377,409	3,828	11.12	0.031	360
E Distribution - Planned	123,813	1,290	3,593,373	25,733	29.02	0.208	140	1,364	6,036,619	32,972	48.76	0.266	183
F Distribution - Public	123,813	113	4,216,093	27,134	34.05	0.219	155	118	4,445,931	28,636	35.91	0.231	155
G Distribution - Vegetation	123,813	253	2,862,210	26,785	23.12	0.216	107	387	5,102,514	33,692	41.21	0.272	151
H Distribution - Weather	123,813	24	378,643	3,220	3.06	0.026	118	119	7,011,208	64,201	56.63	0.519	109
I Distribution - Wildlife	123,813	220	1,261,242	8,355	10.19	0.067	151	247	1,306,536	8,578	10.55	0.069	152
J Distribution - Unknown	123,813	218	1,482,621	22,020	11.97	0.178	67	245	1,522,807	22,525	12.30	0.182	68
K Distribution - Other	123,813	53	134,297	3,269	1.08	0.026	41	75	2,099,485	3,851	16.96	0.031	545
Grand Total	**123,813**	**2,843**	**18,838,181**	**154,699**	**152.15**	**1.249**	**122**	**3,368**	**37,556,725**	**253,135**	**303.33**	**2.044**	**148**

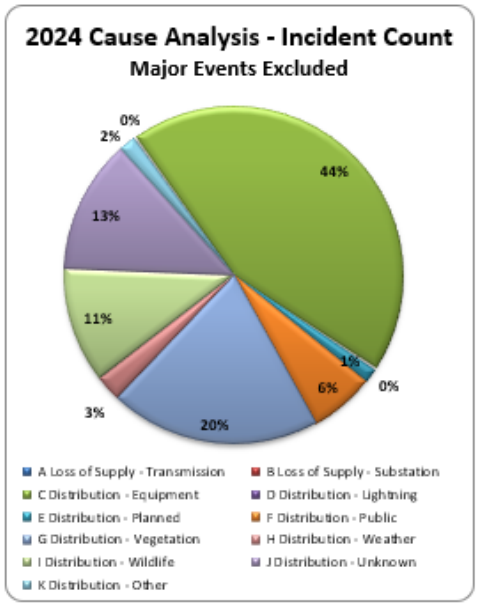
OAR Cause	2021 - Willamette Valley Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	125,422	24	941,394	38,328	7.51	0.306	25	30	1,480,651	49,198	11.81	0.392	30
B Loss of Supply - Substation	125,422	9	672,489	19,620	5.36	0.156	34	10	808,197	21,198	6.44	0.169	38
C Distribution - Equipment	125,422	559	2,458,804	21,310	19.60	0.170	115	653	3,360,801	27,694	26.80	0.221	121
D Distribution - Lightning	125,422	-	-	-	-	-	-				-	-	-
E Distribution - Planned	125,422	1,371	3,930,222	30,012	31.34	0.239	131	1,496	7,774,477	40,985	61.99	0.327	190
F Distribution - Public	125,422	146	6,864,149	31,019	54.73	0.247	221	150	6,971,831	31,530	55.59	0.251	221
G Distribution - Vegetation	125,422	295	3,103,227	19,545	24.74	0.156	159	970	87,000,136	75,569	693.66	0.603	1,151
H Distribution - Weather	125,422	26	21,121	127	0.17	0.001	166	315	43,415,233	29,470	346.15	0.235	1,473
I Distribution - Wildlife	125,422	217	220,469	2,112	1.76	0.017	104	220	221,066	2,130	1.76	0.017	104
J Distribution - Unknown	125,422	247	1,003,189	11,455	8.00	0.091	88	275	1,432,854	11,870	11.42	0.095	121
K Distribution - Other	125,422	79	431,411	9,431	3.44	0.075	46	97	752,416	9,934	6.00	0.079	76
Grand Total	**125,422**	**2,973**	**19,646,476**	**182,959**	**156.64**	**1.459**	**107**	**4,216**	**153,217,662**	**299,578**	**1,221.62**	**2.389**	**511**

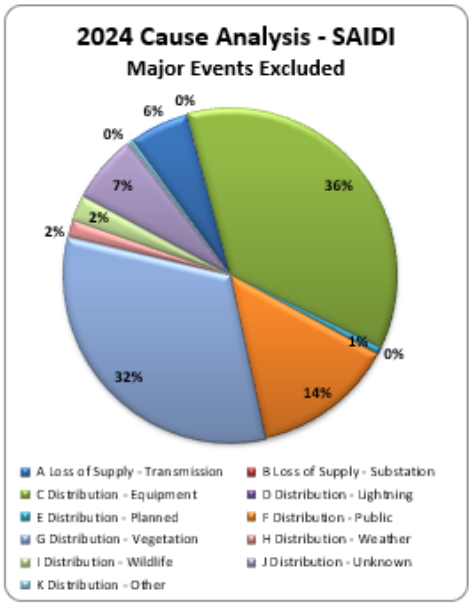
OAR Cause	2022 - Willamette Valley Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	126,440	87	1,613,125	8,501	12.76	0.07	190	206	3,657,064	29,873	28.92	0.24	122
B Loss of Supply - Substation	126,440	38	567,432	2,990	4.49	0.02	190	45	590,218	3,098	4.67	0.02	191
C Distribution - Equipment	126,440	420	6,812,701	32,346	53.88	0.26	211	510	8,435,503	43,394	66.72	0.34	194
D Distribution - Lightning	126,440	12	52,799	326	0.42	0.00	162	16	58,593	631	0.46	0.00	93
E Distribution - Planned	126,440	103	766,884	4,282	6.07	0.03	179	116	808,418	4,451	6.39	0.04	182
F Distribution - Public	126,440	89	1,585,464	14,275	12.54	0.11	111	95	1,596,610	14,331	12.63	0.11	111
G Distribution - Vegetation	126,440	174	4,506,226	22,920	35.64	0.18	197	396	8,159,909	45,613	64.54	0.36	179
H Distribution - Weather	126,440	52	401,615	1,273	3.18	0.01	315	171	1,560,305	17,422	12.34	0.14	90
I Distribution - Wildlife	126,440	102	1,725,778	6,993	13.65	0.06	247	106	1,755,889	7,260	13.89	0.06	242
J Distribution - Unknown	126,440	217	2,516,578	13,804	19.90	0.11	182	260	2,681,485	14,468	21.21	0.11	185
K Distribution - Other	126,440	48	1,217,809	8,610	9.63	0.07	141	61	1,337,883	13,068	10.58	0.10	102
Grand Total	**126,440**	**1,342**	**21,766,411**	**116,320**	**172.15**	**0.920**	**187**	**1,982**	**30,641,877**	**193,609**	**242.34**	**1.531**	**158**

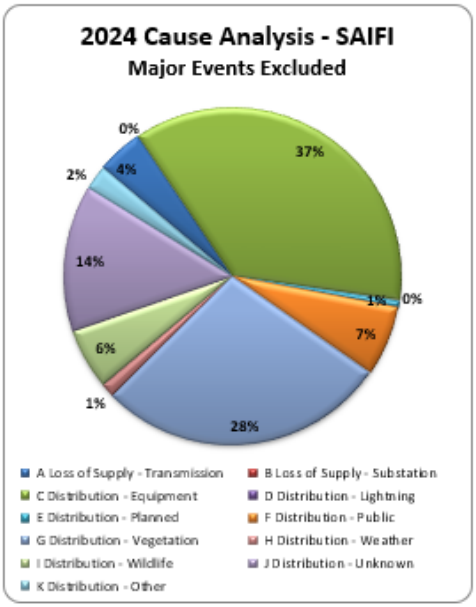
OAR Cause	2023 - Willamette Valley Reporting Region												
		Major Event Excluded						Major Event Included					
	Oregon Customer count	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	126,382	13	307,612	19,059	2.4	0.15	16	17	2,955,220	26,506	23.4	0.21	111
B Loss of Supply - Substation	126,382	8	2,436,872	8,898	19.3	0.07	274	8	2,436,872	8,898	19.3	0.07	274
C Distribution - Equipment	126,382	609	7,017,377	34,318	55.5	0.27	204	609	7,017,377	34,318	55.5	0.27	204
D Distribution - Lightning	126,382	14	187,502	1,315	1.5	0.01	143	14	187,502	1,315	1.5	0.01	143
E Distribution - Planned	126,382	20	41,502	1,543	0.3	0.01	27	20	41,502	1,543	0.3	0.01	27
F Distribution - Public	126,382	116	3,702,378	19,624	29.3	0.16	189	117	3,712,884	19,706	29.4	0.16	188
G Distribution - Vegetation	126,382	229	3,434,839	30,523	27.2	0.24	113	229	3,434,839	30,523	27.2	0.24	113
H Distribution - Weather	126,382	10	14,585	107	0.1	0.00	136	10	14,585	107	0.1	0.00	136
I Distribution - Wildlife	126,382	165	929,183	8,412	7.4	0.07	110	165	929,183	8,412	7.4	0.07	110
J Distribution - Unknown	126,382	204	388,259	6,871	3.1	0.05	57	206	388,667	6,877	3.1	0.05	57
K Distribution - Other	126,382	28	189,052	7,465	1.5	0.06	25	28	189,052	7,465	1.5	0.06	25
Grand Total	**126,382**	**1,416**	**18,649,162**	**138,135**	**147.56**	**1.093**	**135**	**1,423**	**21,307,684**	**145,670**	**168.60**	**1.153**	**146**

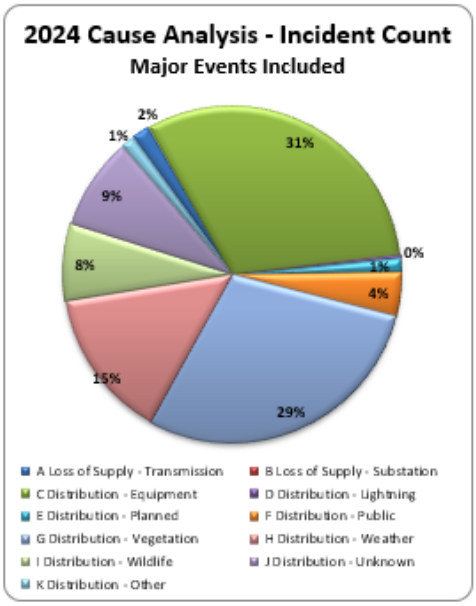
Willamette Valley Reporting Region Five-Year Cause Analysis

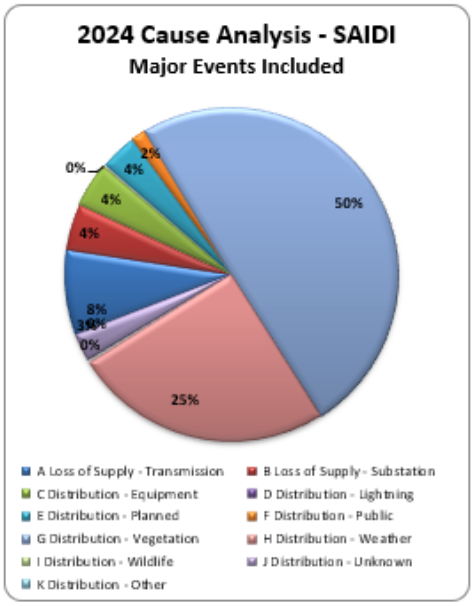
OAR Cause	2024 - Willamette Valley Reporting Region												
	Oregon Customer count	Major Event Excluded						Major Event Included					
		Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI	Sustained Incident Count	Customer Minutes Lost for Incident	Customers In Incident Sustained	SAIDI	SAIFI	CAIDI
A Loss of Supply - Transmission	128,180	3	634,668	3,432	5.0	0.03	185	32	8,668,834	49,874	67.6	0.39	174
B Loss of Supply - Substation	128,180	-	-	-	-	-	-	4	4,725,898	11,025	36.9	0.09	429
C Distribution - Equipment	128,180	546	3,981,150	28,277	31.1	0.22	141	600	4,556,709	29,325	35.5	0.23	155
D Distribution - Lightning	128,180	3	1,969	4	0.0	0.00	492	6	179,553	1,992	1.4	0.02	90
E Distribution - Planned	128,180	17	87,135	551	0.7	0.00	158	24	3,784,443	3,396	29.5	0.03	1,114
F Distribution - Public	128,180	78	1,499,605	5,179	11.7	0.04	290	81	1,561,077	5,319	12.2	0.04	293
G Distribution - Vegetation	128,180	250	3,514,362	21,467	27.4	0.17	164	556	52,355,420	50,504	408.5	0.39	1,037
H Distribution - Weather	128,180	31	184,947	1,044	1.4	0.01	177	276	26,518,083	21,505	206.9	0.17	1,233
I Distribution - Wildlife	128,180	138	277,082	4,529	2.2	0.04	61	142	293,168	4,652	2.3	0.04	63
J Distribution - Unknown	128,180	159	728,049	10,791	5.7	0.08	67	170	2,872,645	14,486	22.4	0.11	198
K Distribution - Other	128,180	20	54,168	1,813	0.4	0.01	30	24	55,727	1,817	0.4	0.01	31
Grand Total	**128,180**	**1,245**	**10,963,136**	**77,087**	**85.53**	**0.601**	**142**	**1,915**	**105,571,558**	**193,895**	**823.62**	**1.513**	**544**

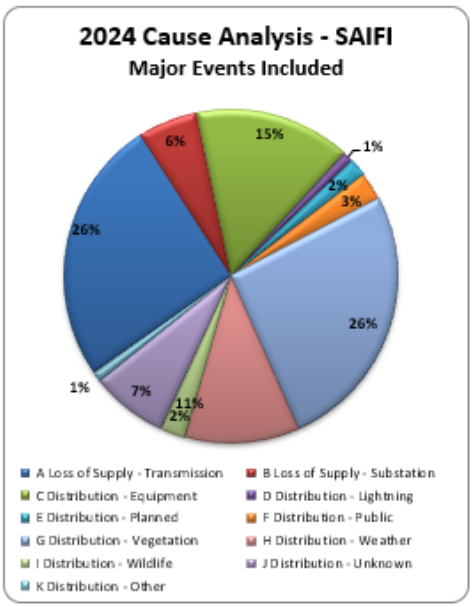












Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Central OR	BEND/REDMOND	BEND	5D10	PORTLAND AVE	12.5	2,474
Central OR	BEND/REDMOND	BEND	5D11	GLEN VISTA	12.5	1,323
Central OR	BEND/REDMOND	BEND	5D12	DIVISION ST.	12.5	212
Central OR	BEND/REDMOND	BEND	5D196	MALLARD	12.5	1,420
Central OR	BEND/REDMOND	BOND STREET	5D411	BACHELOR	12.5	2,287
Central OR	BEND/REDMOND	BOND STREET	5D413	OLD MILL.	12.5	530
Central OR	BEND/REDMOND	BOND STREET	5D418	BLAKELY	12.5	1,373
Central OR	BEND/REDMOND	CHINA HAT	5D140	LAVA (CHINA HAT)	12.5	2,469
Central OR	BEND/REDMOND	CHINA HAT	5D142	HIGH DESERT	12.5	1,730
Central OR	BEND/REDMOND	CHINA HAT	5D144	D.R.W.	12.5	2,513
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D30	ARROWHEAD	12.5	1,276
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D35	WICKIUP	12.5	1,059
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D38	TOMAHAWK	12.5	1,532
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D94	TEEPEE	12.5	3,230
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D96	OBSIDIAN	12.5	1,967
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D98	HUCKLEBERRY	12.5	1,192
Central OR	BEND/REDMOND	CROOKED RIVER RANCH	4D131	CANYON	20.8	1,842
Central OR	BEND/REDMOND	CROOKED RIVER RANCH	4D30	CROOKED R.R.	20.8	817
Central OR	BEND/REDMOND	DESCHUTES	5D184	PRONGHORN	12.5	1,142
Central OR	BEND/REDMOND	DESCHUTES	5D2	DESCHUTES S	12.5	1,037
Central OR	BEND/REDMOND	HUNTERS CIRCLE	5D192	Mackinaw	12.5	1,487
Central OR	BEND/REDMOND	OVERPASS	5D104	AWBREY	12.5	1,960
Central OR	BEND/REDMOND	OVERPASS	5D106	NEZ PERCE	12.5	2,732
Central OR	BEND/REDMOND	OVERPASS	5D120	CHINOOK	12.5	1,845
Central OR	BEND/REDMOND	OVERPASS	5D128	PAIUTE	12.5	1,451
Central OR	BEND/REDMOND	OVERPASS	5D155	APACHE	12.5	990
Central OR	BEND/REDMOND	PILOT BUTTE	5D261	KLONDIKE	12.5	1,664
Central OR	BEND/REDMOND	PILOT BUTTE	5D263	DRAKE FEEDER	12.5	1,868
Central OR	BEND/REDMOND	PILOT BUTTE	5D265	DOBBIN	12.5	2,411
Central OR	BEND/REDMOND	REDMOND	5D21	SOUTH (REDMOND)	12.5	875
Central OR	BEND/REDMOND	REDMOND	5D22	INDUSTRIAL	12.5	1,598
Central OR	BEND/REDMOND	REDMOND	5D223	TETHEROW	12.5	906
Central OR	BEND/REDMOND	REDMOND	5D226	CLINE FALLS	12.5	1,603
Central OR	BEND/REDMOND	REDMOND	5D227	WINDSOR	12.5	3,366
Central OR	BEND/REDMOND	REDMOND	5D228	CITY	12.5	1,306
Central OR	BEND/REDMOND	REDMOND	5D229	JUNIPER	12.5	422
Central OR	BEND/REDMOND	SHEVLIN PARK	5D238	WOLVERINE (SHP) (WAS 5D327)	12.5	2,916
Central OR	BEND/REDMOND	SHEVLIN PARK	5D241	BADGER (SHP)	12.5	2,260

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Central OR	BEND/REDMOND	SHEVLIN PARK	5D243	Black Bear	12.5	2,669
Central OR	BEND/REDMOND	SHEVLIN PARK	5D432	SKUNK	12.5	2,271
Central OR	BEND/REDMOND	SHEVLIN PARK	5D434	RACOON	12.5	1,350
Central OR	BEND/REDMOND	YEW AVENUE	5D322	BIRDIE	12.5	2,487
Central OR	BEND/REDMOND	YEW AVENUE	5D323	FAIRWAY	12.5	396
Central OR	BEND/REDMOND	YEW AVENUE	5D325	EAGLE	12.5	2,899
Central OR	MADRAS	CHERRY LANE	5D295	7 PEAKS	12.5	151
Central OR	MADRAS	CULVER	5D5	CULVER	12.5	1,864
Central OR	MADRAS	MADRAS	5D52	MADRAS RURAL	12.5	1,064
Central OR	MADRAS	MADRAS	5D53	AGATE	12.5	1,423
Central OR	MADRAS	MADRAS	5D57	QUARTZ	12.5	1,543
Central OR	MADRAS	MADRAS	5D61	MADRAS CITY	12.5	1,277
Central OR	MADRAS	POWELL BUTTE	5D1	POWELL BUTTE	12.5	685
Central OR	MADRAS	PRINEVILLE	5D126	RIMROCK	12.5	883
Central OR	MADRAS	PRINEVILLE	5D167	NORTHVILLE	12.5	2,810
Central OR	MADRAS	PRINEVILLE	5D25	OCHOCO	12.5	1,019
Central OR	MADRAS	PRINEVILLE	5D47	MC KAY (PRINEVILLE)	12.5	1,171
Central OR	MADRAS	PRINEVILLE	5D48	LAMONTA	12.5	642
Central OR	MADRAS	PRINEVILLE	5D50	PINE CONE	12.5	905
Central OR	MADRAS	PRINEVILLE	5D69	GRIMES FLAT	12.5	1,660
Central OR	MADRAS	WARM SPRINGS	4D68	WARM SPRINGS (OR)	20.8	961
CoastPlus	CLATSOP (ASTORIA)	CANNON BEACH	5A10	HAYSTACK	12.5	1,636
CoastPlus	CLATSOP (ASTORIA)	CANNON BEACH	5A8	ECOLA	12.5	1,218
CoastPlus	CLATSOP (ASTORIA)	FERN HILL SUB	5A51	JOHN DAY	12.5	272
CoastPlus	CLATSOP (ASTORIA)	FERN HILL SUB	5A52	SCANDINAVIAN	12.5	384
CoastPlus	CLATSOP (ASTORIA)	KNAPPA SVENSEN	5A92	SVENSEN	12.5	732
CoastPlus	CLATSOP (ASTORIA)	KNAPPA SVENSEN	5A93	BRADWOOD	12.5	937
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A80	GROVE	12.5	2,388
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A81	CENTRAL	12.5	1,615
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A82	NECANICUM	12.5	1,236
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A83	GEARHART	12.5	3,531
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A15	CITY	12.5	270
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A16	MILL (WARRENTON)	12.5	2,297
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A20	SOUTH (WARRENTON)	12.5	1,754
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A202	PORT DOCK	12.5	1,184
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A204	MOO COW	12.5	1,208
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A205	FIFTH STREET	12.5	999
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A206	YOUNGS BAY #6	12.5	331

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A210	YOUNGS BAY #10	12.5	938
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A211	OLNEY	12.5	1,103
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A213	INDUSTRIAL	12.5	1,391
CoastPlus	COOS BAY/COQUILLE	BANDON TIE (BPA)	L804	BANDON	20.8	767
CoastPlus	COOS BAY/COQUILLE	COOS RIVER	4C106	COOS RIVER	20.8	1,354
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C41	HENRY STREET	20.8	1,669
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C42	TERRES HGHTS	20.8	1,545
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C43	INDUSTRIAL	20.8	149
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C108	EMPIRE	20.8	1,734
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C89	SCOTT	20.8	1,427
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C90	CHARLESTON	20.8	2,078
CoastPlus	COOS BAY/COQUILLE	JORDAN POINT	5C11	WEYCO#2	12.5	1
CoastPlus	COOS BAY/COQUILLE	JORDAN POINT	5C6	SAND DUNES (JORDAN POINT)	12.5	32
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C48	CITY CENTER	20.8	1,465
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C49	EASTSIDE	20.8	772
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C5	GEORGIA-PAC	20.8	78
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C50	BUNKERHILL	20.8	1,847
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C97	ENGLEWOOD	20.8	1,379
CoastPlus	COOS BAY/COQUILLE	MYRTLE POINT	4C36	NORTH (MYRTLE POINT)	20.8	332
CoastPlus	COOS BAY/COQUILLE	MYRTLE POINT	4C37	MAPLE STREET	20.8	2,071
CoastPlus	COOS BAY/COQUILLE	SOUTH DUNES	5C9	DOUGLAS CHIP	12.5	3
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C112	WOODLAND	20.8	1,796
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C66	BAYSHORE	20.8	1,718
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C67	INDUSTRIAL	20.8	2,190
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C86	BANGOR	20.8	1,786
CoastPlus	HOOD RIVER	GORDON HOLLOW	4K1	SHERMAN 208	20.8	710
CoastPlus	HOOD RIVER	HOOD RIVER	5K37	RESIDENTIAL	12.5	2,093
CoastPlus	HOOD RIVER	HOOD RIVER	5K43	BELMONT	12.5	1,274
CoastPlus	HOOD RIVER	HOOD RIVER	5K44	NORTH (HOOD RIVER)	12.5	2,006
CoastPlus	HOOD RIVER	HOOD RIVER	5K70	EASTSIDE	7.2	1,009
CoastPlus	HOOD RIVER	HOOD RIVER	5K74	SOUTH (HOOD RIVER)	12.5	1,461
CoastPlus	HOOD RIVER	KENWOOD	5K50	OAKGROVE	12.5	782
CoastPlus	HOOD RIVER	WASCO	7K1	WASCO	4.1	285
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A310	INLAND FEEDER	20.8	2,293
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A312	OCEAN	20.8	3,083
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A316	LAKE (DEVILS LAKE)	20.8	4,571
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A338	SIUSLAW	20.8	665
CoastPlus	LINCOLN CITY	GLENEDEN	7A364	GLENEDEN	4.1	713

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Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
CoastPlus	LINCOLN CITY	GLENEDEN	7A366	SALISHAN	4.1	361
CoastPlus	LINCOLN CITY	PGE GRAND RONDE	R114	BOYER	12.0	19
CoastPlus	LINCOLN CITY	WECOMA BEACH	7A354	WECOMA	4.1	719
CoastPlus	PORTLAND	ALBINA	5P111	ALBINA 11C01-UG	11.7	577
CoastPlus	PORTLAND	ALBINA	5P150	ALBINA 11C15	11.7	135
CoastPlus	PORTLAND	ALBINA	5P194	11C24-UG	11.7	307
CoastPlus	PORTLAND	ALBINA	5P196	11C16-UG	11.7	450
CoastPlus	PORTLAND	ALBINA	5P200	11C20-UG	11.7	460
CoastPlus	PORTLAND	ALBINA	5P91	11C11-UG	11.7	254
CoastPlus	PORTLAND	ALBINA	5P92	11C12-UG	11.7	155
CoastPlus	PORTLAND	ALDERWOOD 115/12.5	5P22	ALDERWOOD #2	12.5	199
CoastPlus	PORTLAND	ALDERWOOD 115/12.5	5P23	ALDERWOOD #1-UG	12.5	1
CoastPlus	PORTLAND	ALDERWOOD 115/12.5	5P33	ALDERWOOD #4	12.5	179
CoastPlus	PORTLAND	ALDERWOOD 115/12.5	5P604	ALDERWOOD #3	12.5	195
CoastPlus	PORTLAND	BLOSS	5P172	FURNACE	12.5	1
CoastPlus	PORTLAND	COLUMBIA (OR)	5P266	COLUMBIA #2	12.5	2,641
CoastPlus	PORTLAND	COLUMBIA (OR)	5P268	COLUMBIA #1	12.5	349
CoastPlus	PORTLAND	COLUMBIA (OR)	5P474	COLUMBIA #6	12.5	542
CoastPlus	PORTLAND	COLUMBIA (OR)	5P476	COLUMBIA #3	12.5	838
CoastPlus	PORTLAND	COLUMBIA (OR)	5P478	COLUMBIA #4	12.5	1,133
CoastPlus	PORTLAND	COLUMBIA (OR)	5P480	COLUMBIA #5	12.5	21
CoastPlus	PORTLAND	CULLY	5P288	CULLY #3-UG	12.5	746
CoastPlus	PORTLAND	CULLY	5P290	CULLY #2	12.5	1,009
CoastPlus	PORTLAND	CULLY	5P292	CULLY #1	12.5	2,899
CoastPlus	PORTLAND	HOLLADAY (OR)	5P145	HOLLADAY #1-UG	11.7	193
CoastPlus	PORTLAND	HOLLADAY (OR)	5P146	HOLLADAY #2-UG	11.7	336
CoastPlus	PORTLAND	HOLLADAY (OR)	5P147	HOLLADAY #3-UG	11.7	163
CoastPlus	PORTLAND	HOLLADAY (OR)	5P156	HOLLADAY #4-UG	11.7	742
CoastPlus	PORTLAND	HOLLADAY (OR)	5P157	HOLLADAY #5-UG	11.7	125
CoastPlus	PORTLAND	HOLLADAY (OR)	5P158	HOLLADAY #6	11.7	907
CoastPlus	PORTLAND	HOLLYWOOD	5P203	HOLLYWOOD #3	12.5	1,520
CoastPlus	PORTLAND	HOLLYWOOD	5P204	HOLLYWOOD #2	12.5	450
CoastPlus	PORTLAND	HOLLYWOOD	5P205	HOLLYWOOD #1	12.5	2,358
CoastPlus	PORTLAND	HOLLYWOOD	5P208	HOLLYWOOD #5	12.5	3,640
CoastPlus	PORTLAND	HOLLYWOOD	5P209	HOLLYWOOD #4	12.5	2,339
CoastPlus	PORTLAND	KENNEDY	5P12	CB 5P12	12.5	1,377
CoastPlus	PORTLAND	KENNEDY	5P14	CB 5P14	12.5	1,993
CoastPlus	PORTLAND	KENNEDY	5P15	CB 5P15	12.5	1,310

Oregon 2024 Circuit kV and Customer Counts

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CoastPlus	PORTLAND	KILLINGSWORTH	5P123	KILLINGSWORTH #3	12.5	453
CoastPlus	PORTLAND	KILLINGSWORTH	5P217	KILLINGSWORTH #5	12.5	304
CoastPlus	PORTLAND	KILLINGSWORTH	5P41	KILLINGSWORTH #4	12.5	998
CoastPlus	PORTLAND	KILLINGSWORTH	5P88	KILLINGSWORTH #1-UG	12.5	1
CoastPlus	PORTLAND	KILLINGSWORTH	5P89	KILLINGSWORTH #2	12.5	1,796
CoastPlus	PORTLAND	KNOTT	5P368	11022	11.7	16
CoastPlus	PORTLAND	KNOTT	5P231	KNOTT #1	12.5	3,496
CoastPlus	PORTLAND	KNOTT	5P232	KNOTT #2	12.5	2,433
CoastPlus	PORTLAND	KNOTT	5P233	KNOTT #3	12.5	2,437
CoastPlus	PORTLAND	KNOTT	5P366	11010	11.7	53
CoastPlus	PORTLAND	KNOTT	5P372	11046	11.7	787
CoastPlus	PORTLAND	KNOTT	5P374	11020	11.7	1,004
CoastPlus	PORTLAND	LINCOLN (OR)	5P418	11D17	11.7	127
CoastPlus	PORTLAND	LINCOLN (OR)	5P420	11D14	11.7	28
CoastPlus	PORTLAND	LINCOLN (OR)	5P422	11D06-UG	11.7	926
CoastPlus	PORTLAND	LINCOLN (OR)	5P424	11D03-UG	11.7	27
CoastPlus	PORTLAND	LINCOLN (OR)	5P426	11D04-UG	11.7	653
CoastPlus	PORTLAND	LINCOLN (OR)	5P430	11D05-UG	11.7	364
CoastPlus	PORTLAND	LINCOLN (OR)	5P432	11D02-UG	11.7	854
CoastPlus	PORTLAND	LINCOLN (OR)	5P434	11D12-UG	11.7	14
CoastPlus	PORTLAND	LINCOLN (OR)	5P436	11G18-UG	11.7	91
CoastPlus	PORTLAND	LINCOLN (OR)	5P438	11D08-UG	11.7	76
CoastPlus	PORTLAND	LINCOLN (OR)	5P456	11D09-UG	11.7	182
CoastPlus	PORTLAND	LINCOLN (OR)	5P458	11D07-UG	11.7	211
CoastPlus	PORTLAND	LINCOLN (OR)	5P462	11G13-UG	11.7	173
CoastPlus	PORTLAND	LINCOLN (OR)	5P464	11G16-UG	11.6	155
CoastPlus	PORTLAND	MALLORY	5P162	MALLORY #1	12.8	2,347
CoastPlus	PORTLAND	MALLORY	5P164	MALLORY #2	12.8	3,274
CoastPlus	PORTLAND	PARKROSE	5P244	PARKROSE#4	12.5	3,103
CoastPlus	PORTLAND	PARKROSE	5P246	PARKROSE#3	12.5	3,090
CoastPlus	PORTLAND	PARKROSE	5P250	PARKROSE#2	12.5	633
CoastPlus	PORTLAND	PARKROSE	5P252	PARKROSE#1	12.5	1,768
CoastPlus	PORTLAND	PARKROSE	5P717	PARKROSE 5	12.5	136
CoastPlus	PORTLAND	RUSSELLVILLE	5P274	RUSSELLVILLE #3	12.5	3,084
CoastPlus	PORTLAND	RUSSELLVILLE	5P276	RUSSELLVILLE #4	12.5	2,432
CoastPlus	PORTLAND	RUSSELLVILLE	5P278	RUSSELLVILLE #1	12.5	3,292
CoastPlus	PORTLAND	RUSSELLVILLE	5P280	RUSSELLVILLE #2	12.5	1,385
CoastPlus	PORTLAND	VERNON	5P391	VERNON #1	12.5	2,007

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
CoastPlus	PORTLAND	VERNON	5P392	VERNON NO. 2	12.5	2,582
CoastPlus	PORTLAND	VERNON	5P393	VERNON #3	12.5	3,418
CoastPlus	PORTLAND	VERNON	5P394	VERNON # 4	12.5	3,546
CoastPlus	PORTLAND	VERNON	5P395	VERNON # 5	12.5	2,264
Northeast	ENTERPRISE	ENTERPRISE (OR)	4W8	CREIGHTON LN	20.8	1,515
Northeast	ENTERPRISE	ENTERPRISE (OR)	5W15	CITY	12.5	953
Northeast	ENTERPRISE	ENTERPRISE (OR)	5W26	RURAL (ENTERPRISE)	12.5	1,122
Northeast	ENTERPRISE	JOSEPH	5W21	PRAIRIE	12.5	876
Northeast	ENTERPRISE	MINAM	5W18	MINAM	12.5	13
Northeast	ENTERPRISE	PALLETTE	4W14	PALLETTE NORTH	19.9	175
Northeast	ENTERPRISE	PALLETTE	4W15	PALLETTE SOUTH	19.9	58
Northeast	ENTERPRISE	WALLOWA	5W28	CITY	12.5	884
Northeast	HERMISTON	ARLINGTON	5K25	ARLINGTON	12.5	523
Northeast	HERMISTON	BLALOCK	5K40	BLALOCK	12.5	21
Northeast	HERMISTON	DALREED	4K16	WILLOW COVE	34.5	72
Northeast	HERMISTON	DALREED	4K36	SIMTAG	34.5	21
Northeast	HERMISTON	DALREED	4K46	BOEING	34.5	177
Northeast	HERMISTON	HERMISTON	5W602	RURAL (HERMISTON)	12.5	1,436
Northeast	HERMISTON	HINKLE	5W82	MEADOWS	12.5	377
Northeast	HERMISTON	UMATILLA	5W658	UMATILLA	12.5	1,442
Northeast	HERMISTON	UMATILLA	5W660	MCNARY	12.5	945
Northeast	HERMISTON	UMATILLA	5W664	PORT FEEDER	12.5	59
Northeast	PENDLETON	ATHENA	5W703	CITY	12.5	841
Northeast	PENDLETON	ATHENA	5W705	HELIX	12.5	421
Northeast	PENDLETON	BUCKAROO	5W201	STATE HOSP.	12.5	390
Northeast	PENDLETON	BUCKAROO	5W202	REITH	12.5	712
Northeast	PENDLETON	BUCKAROO	5W203	MONTEE	12.5	1,065
Northeast	PENDLETON	MCKAY (OR)	5W856	MCKAY	12.5	1,803
Northeast	PENDLETON	MCKAY (OR)	5W857	WILDHORSE	12.5	181
Northeast	PENDLETON	PENDLETON	5W401	WEST HILLS	12.5	1,482
Northeast	PENDLETON	PENDLETON	5W402	HARRIS HTS	12.5	2,032
Northeast	PENDLETON	PENDLETON	5W403	MISSION	12.5	909
Northeast	PENDLETON	PENDLETON	7W451	BUSINESS	4.1	267
Northeast	PENDLETON	PENDLETON	7W452	NORTHWEST	4.1	524
Northeast	PENDLETON	PENDLETON	7W453	SOUTHWEST (PENDELTON)	4.1	318
Northeast	PENDLETON	PENDLETON	7W454	EAST END	4.1	234
Northeast	PENDLETON	PILOT ROCK	5W404	MILL (PILOT ROCK)	12.5	2
Northeast	PENDLETON	PILOT ROCK	5W406	PILOT ROCK CITY	12.5	1,320

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Northeast	PENDLETON	WESTON NEW (OR)	5W40	WESTON CANNERY	12.5	15
Northeast	PENDLETON	WESTON NEW (OR)	5W7	SCOTTS FEEDER	12.5	449
Northeast	WALLA WALLA	UMAPINE	5W105	UMAPINE FEEDER	12.5	965
Northeast	WALLA WALLA	UMAPINE	5W106	FERNDALE	12.5	1,355
Southern OR	GRANTS PASS	AGNESS AVE	5R172	SPALDING MILL	12.5	882
Southern OR	GRANTS PASS	AGNESS AVE	5R173	JONES CREEK	12.5	878
Southern OR	GRANTS PASS	AGNESS AVE	5R322	ANTEATER	12.5	1,005
Southern OR	GRANTS PASS	APPLEGATE	5R267	MURPHY	12.5	1,063
Southern OR	GRANTS PASS	APPLEGATE	5R278	HIGHWAY	12.5	1,331
Southern OR	GRANTS PASS	BEACON	5R104	SAVAGE ST	12.5	1,265
Southern OR	GRANTS PASS	BEACON	5R105	BEACON ST	12.5	836
Southern OR	GRANTS PASS	CAVE JUNCTION	5R52	FREE& EASY	12.5	2,444
Southern OR	GRANTS PASS	CAVE JUNCTION	5R53	ROUGH &READY	12.5	1,518
Southern OR	GRANTS PASS	CAVEMAN	5R295	QUAIL	12.5	1,110
Southern OR	GRANTS PASS	CAVEMAN	5R82	WASHINGTON	12.5	1,203
Southern OR	GRANTS PASS	CAVEMAN	5R98	MANZANITA	12.5	585
Southern OR	GRANTS PASS	CAVEMAN	5R99	CAVEMAN	12.5	1,231
Southern OR	GRANTS PASS	DOWELL	5R331	DOVE	12.5	1,486
Southern OR	GRANTS PASS	DOWELL	5R334	DUCK	12.5	2,654
Southern OR	GRANTS PASS	EASY VALLEY	5R123	G STREET	12.5	2,229
Southern OR	GRANTS PASS	EASY VALLEY	5R125	ROGUE	12.5	1,813
Southern OR	GRANTS PASS	EASY VALLEY	5R259	CHINOOK	12.5	1,338
Southern OR	GRANTS PASS	FIELDER CREEK	4R33	ELK FDR.	20.8	1,852
Southern OR	GRANTS PASS	FIELDER CREEK	4R34	BEAR FDR	20.8	869
Southern OR	GRANTS PASS	GLENDALE SUBSTATION	5R133	GLENDALE	12.5	1,877
Southern OR	GRANTS PASS	GLENDALE SUBSTATION	5R143	INDUSTRIAL	12.5	638
Southern OR	GRANTS PASS	JEROME PRAIRIE	5R62	WILD PRAIRIE	12.5	1,636
Southern OR	GRANTS PASS	JEROME PRAIRIE	5R63	WOOD RIVER	12.5	1,609
Southern OR	GRANTS PASS	MERLIN	5R232	MERLIN-HUGO	12.5	1,034
Southern OR	GRANTS PASS	MERLIN	5R234	PARADISE	12.5	1,192
Southern OR	GRANTS PASS	MERLIN	5R248	PLEASANT VALLEY-MERLIN FEEDER	12.5	1,128
Southern OR	GRANTS PASS	MERLIN	5R251	BADGER	12.5	933
Southern OR	GRANTS PASS	MERLIN	5R288	MONARCH	12.5	1,771
Southern OR	GRANTS PASS	OBRIEN	5R106	O'BRIEN	12.5	422
Southern OR	GRANTS PASS	PARK STREET (OR)	5R114	FRUITDALE	12.5	2,197
Southern OR	GRANTS PASS	PARK STREET (OR)	5R115	ALLEN CREEK	12.5	993
Southern OR	GRANTS PASS	PARK STREET (OR)	5R121	NEW HOPE	12.5	2,193
Southern OR	GRANTS PASS	PARK STREET (OR)	5R164	EXPRESS	12.5	325

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Southern OR	GRANTS PASS	PARK STREET (OR)	5R169	PORTOLA	12.5	1,380
Southern OR	GRANTS PASS	PROVOLT	5R67	NORTH-SOUTH	12.5	1,448
Southern OR	GRANTS PASS	ROGUE RIVER	5R77	SAVAGE/WIMER	12.5	1,884
Southern OR	GRANTS PASS	ROGUE RIVER	5R78	ROCKY POINT (ROGUE RIVER)	12.5	1,054
Southern OR	GRANTS PASS	SELMA	5R65	DEER CREEK	12.5	1,176
Southern OR	KLAMATH FALLS	BEATTY	5L1	BEATTY	12.5	386
Southern OR	KLAMATH FALLS	BLY	5L14	TOWN (BLY)	12.5	414
Southern OR	KLAMATH FALLS	BOISE CASCADE	7L9	BOISE CASCAD	4.1	1
Southern OR	KLAMATH FALLS	BONANZA (OR)	5L7	POE VALLEY	12.5	467
Southern OR	KLAMATH FALLS	BRYANT	5L2	GARY STREET	12.5	2,130
Southern OR	KLAMATH FALLS	BRYANT	5L3	WASHBURN	12.5	1,813
Southern OR	KLAMATH FALLS	BRYANT	5L4	SUMMERS LANE	12.5	1,934
Southern OR	KLAMATH FALLS	BRYANT	5L5	MOYINA HTS.	12.5	2,474
Southern OR	KLAMATH FALLS	CASEBEER SUB	4L16	LANGELL VLY	20.8	1,180
Southern OR	KLAMATH FALLS	CHILOQUIN	5L57	CRATER LAKE	12.0	1,046
Southern OR	KLAMATH FALLS	CHILOQUIN MRKT	5L37	WILLIAMSON	12.5	568
Southern OR	KLAMATH FALLS	DAIRY	5L42	SWAN LAKE	12.5	259
Southern OR	KLAMATH FALLS	DAIRY	5L43	DAIRY	12.5	497
Southern OR	KLAMATH FALLS	HAMAKER	5L55	KENO	12.5	1,698
Southern OR	KLAMATH FALLS	HAMAKER	5L56	MOUNTAIN	12.5	163
Southern OR	KLAMATH FALLS	HENLEY	5L58	HENLEY	12.5	229
Southern OR	KLAMATH FALLS	HENLEY	5L59	WEST	12.5	533
Southern OR	KLAMATH FALLS	HORNET	5L44	HOMEDALE	12.5	2,894
Southern OR	KLAMATH FALLS	HORNET	5L45	CRYSTAL SPR	12.5	1,506
Southern OR	KLAMATH FALLS	LAKEPORT	5L49	WOCUS	12.5	249
Southern OR	KLAMATH FALLS	LAKEPORT	5L54	SOUTH (LAKEPORT)	12.5	2,435
Southern OR	KLAMATH FALLS	LAKEPORT	5L61	JELDWEN	12.5	7
Southern OR	KLAMATH FALLS	MERRILL (OR)	5L26	LAKE (MERRILL)	12.5	968
Southern OR	KLAMATH FALLS	MERRILL (OR)	5L27	NORTH (MERRILL)	12.5	551
Southern OR	KLAMATH FALLS	MODOC	5L36	MODOC	12.5	859
Southern OR	KLAMATH FALLS	ROSS AVENUE	5L46	ELDORADO	12.5	1,384
Southern OR	KLAMATH FALLS	ROSS AVENUE	5L48	BROAD ST.	12.5	1,173
Southern OR	KLAMATH FALLS	RUNNING Y	4L50	ROCKY POINT FEEDER (RUNNING Y)	20.8	1,502
Southern OR	KLAMATH FALLS	SHASTA WAY	7L25	SHASTA WAY	4.1	423
Southern OR	KLAMATH FALLS	SPRAGUE RIVER	5L8	SPRAGUE RIVER	12.5	525
Southern OR	KLAMATH FALLS	TEXUM	5L112	ANDERSON	12.5	1,206
Southern OR	KLAMATH FALLS	TEXUM	5L113	TOWER	12.5	281
Southern OR	KLAMATH FALLS	TEXUM	5L116	ALTAMONT	12.5	1,475

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Southern OR	KLAMATH FALLS	TURKEY HILL	5L20	MALIN CITY	12.5	824
Southern OR	KLAMATH FALLS	TURKEY HILL	5L23	RURAL (TURKEY HILL)	12.5	320
Southern OR	KLAMATH FALLS	WEST SIDE	5L12	ORINDALE	12.5	804
Southern OR	KLAMATH FALLS	WEST SIDE	5L15	CALIFORNIA	12.5	1,332
Southern OR	KLAMATH FALLS	WEST SIDE	5L16	MAIN ST (WEST SIDE HE PLANT)	12.5	110
Southern OR	KLAMATH FALLS	WEST SIDE	5L17	PINE ST (WEST SIDE HE PLANT)	12.5	494
Southern OR	KLAMATH FALLS	WEST SIDE	5L18	RIVERSIDE (WEST SIDE HE PLANT)	12.5	585
Southern OR	KLAMATH FALLS	WEST SIDE	5L19	LAKESHORE	12.5	305
Southern OR	KLAMATH FALLS	WEST SIDE	8L10	CITY WTR PMP	2.4	1
Southern OR	MEDFORD	BEALL LANE	5R359	BEEHIVE	12.5	2
Southern OR	MEDFORD	CAMPBELL	5R216	VOORHIES	12.5	852
Southern OR	MEDFORD	MEDCO	5R280	BOISE CASCADE	12.5	1
Southern OR	MEDFORD	PROSPECT CNTRL	8R5	DAM & FOREBAY	2.4	2
Southern OR	MEDFORD	PROSPECT 3	5R290	P-3 FOREBAY	12.5	1
Southern OR	MEDFORD	SAGE ROAD (OR)	5R209	TIMBER PROD	12.5	1
Southern OR	MEDFORD	SAGE ROAD (OR)	5R27	MCANDREWS	12.5	111
Southern OR	MEDFORD	WHITE CITY	5R12	INDUSTRIAL	12.5	36
Southern OR	ROSEBURG/MYRTLECREEK	CLEARWATER #1 SUB	6U17	BRIGGS	7.2	3
Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U37	RUSA	20.8	2
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE-VENEER	5U23	FORD MILL	12.5	1
Southern OR	ROSEBURG/MYRTLECREEK	SODA SPRINGS HE PLT	6U10	CB6U10	12.5	1
Southern OR	LAKEVIEW	MILE-HI	5L104	INDUSTRIAL	12.5	706
Southern OR	LAKEVIEW	MILE-HI	5L105	BUSINESS	12.5	1,721
Southern OR	MEDFORD	ASHLAND (MTN.AVE, PUD)	5R241	CITY	12.5	12
Southern OR	MEDFORD	ASHLAND (MTN.AVE, PUD)	5R245	VALLEY VIEW	12.5	935
Southern OR	MEDFORD	BEALL LANE	5R361	BULLDOG	12.5	1,750
Southern OR	MEDFORD	BEALL LANE	5R364	BOBCAT	12.5	2,150
Southern OR	MEDFORD	BELKNAP	5R1	KOGAP	12.5	995
Southern OR	MEDFORD	BELKNAP	5R2	RIVERSIDE (BELKNAP)	12.5	662
Southern OR	MEDFORD	BELKNAP	5R3	BARNETT	12.5	1,625
Southern OR	MEDFORD	BELKNAP	5R47	STEWART	12.5	2,292
Southern OR	MEDFORD	BROOKHURST	5R118	SPRINGBROOK	12.5	1,924
Southern OR	MEDFORD	BROOKHURST	5R135	ROBERTS (BROOKHURST)	12.5	1,768
Southern OR	MEDFORD	BROOKHURST	5R32	ROXY	12.5	1,844
Southern OR	MEDFORD	BROOKHURST	5R33	CRATER LAKE	12.5	1,711
Southern OR	MEDFORD	BROOKHURST	5R75	SUNRISE (BROOKHURST)	12.5	1,257
Southern OR	MEDFORD	CAMPBELL	5R218	PHOENIX	12.5	906
Southern OR	MEDFORD	CAMPBELL	5R227	FERN VALLEY	12.5	1,344

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Southern OR	MEDFORD	CAMPBELL	5R312	COBRA	12.5	1,530
Southern OR	MEDFORD	DODGE BRIDGE	4R1	SALMON	20.8	1,623
Southern OR	MEDFORD	DODGE BRIDGE	4R35	MEADOWS ROAD	20.8	1,390
Southern OR	MEDFORD	FOOTHILLS	5R38	HOSPITAL	12.5	775
Southern OR	MEDFORD	FOOTHILLS	5R39	PIERCE ROAD	12.5	1,162
Southern OR	MEDFORD	FRALEY	5R87	TABLE ROCK	12.5	513
Southern OR	MEDFORD	FRALEY	5R88	DODGE BRIDGE	12.5	253
Southern OR	MEDFORD	GOLD HILL	5R103	GOLD HILL	12.5	2,046
Southern OR	MEDFORD	GRIFFIN CREEK	5R204	HULL RD	12.5	2,727
Southern OR	MEDFORD	GRIFFIN CREEK	5R206	GRIFFIN CREEK	12.5	1,774
Southern OR	MEDFORD	HUMBUG CREEK	5R287	HUMMINGBIRD	12.5	681
Southern OR	MEDFORD	JACKSONVILLE	5R284	STAGE RD	12.5	2,122
Southern OR	MEDFORD	JACKSONVILLE	5R285	JACKSONVILLE HWY	12.5	2,220
Southern OR	MEDFORD	MEDFORD	5R21	MELROSE	12.5	1,563
Southern OR	MEDFORD	MEDFORD	5R23	SPRING ST.	12.5	1,602
Southern OR	MEDFORD	MEDFORD	5R250	BIG Y	12.5	1,869
Southern OR	MEDFORD	MEDFORD	5R253	APPLE	12.5	1,103
Southern OR	MEDFORD	MEDFORD	5R257	PEAR	12.5	780
Southern OR	MEDFORD	MEDFORD	5R659	MCLEAN	12.5	672
Southern OR	MEDFORD	OAK KNOLL	5R55	SISKIYOU	12.5	1,518
Southern OR	MEDFORD	OAK KNOLL	5R56	HIGHWAY 99	12.5	111
Southern OR	MEDFORD	PROSPECT CNTRL	5R40	CASCADE GORGE COTTAGES	12.5	330
Southern OR	MEDFORD	RED BLANKET	7R5	PROSPECT	4.1	394
Southern OR	MEDFORD	ROXY ANN	5R350	St. Bernard	12.5	1,339
Southern OR	MEDFORD	ROXY ANN	5R354	RACCOON	12.5	1,602
Southern OR	MEDFORD	RUCH	5R68	APPLEGATE	12.5	942
Southern OR	MEDFORD	RUCH	5R69	RUCH	12.5	544
Southern OR	MEDFORD	SAGE ROAD (OR)	5R211	COLUMBUS	12.5	1,784
Southern OR	MEDFORD	SAGE ROAD (OR)	5R226	BOISE	12.5	919
Southern OR	MEDFORD	SAGE ROAD (OR)	5R28	ROSS	12.5	2,144
Southern OR	MEDFORD	SAGE ROAD (OR)	5R29	EDWARDS	12.5	712
Southern OR	MEDFORD	SCENIC	5R174	UPTON	12.5	2,219
Southern OR	MEDFORD	SCENIC	5R180	HEAD RD	12.5	969
Southern OR	MEDFORD	SCENIC	5R182	TAYLOR RD	12.5	1,595
Southern OR	MEDFORD	SCENIC	5R184	CHENEY	12.5	1,909
Southern OR	MEDFORD	STEVENS ROAD	4R13	HENRY MILLER	20.8	2,453
Southern OR	MEDFORD	STEVENS ROAD	4R17	Stingray	20.8	2,630
Southern OR	MEDFORD	STEVENS ROAD	4R41	ANTELOPE	20.8	1,158

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Southern OR	MEDFORD	TAKELMA	4R9	LOST CK. (TAKELMA)	20.8	2,658
Southern OR	MEDFORD	TALENT	5R237	TALENT	12.5	2,248
Southern OR	MEDFORD	TALENT	5R238	ANDERSON CRK	12.5	1,669
Southern OR	MEDFORD	TALENT	5R239	HARTLEY ROAD	12.5	1,552
Southern OR	MEDFORD	TALENT	5R240	NORTH HWY	12.5	991
Southern OR	MEDFORD	TOLO	5R90	TBL ROCK LBR	12.5	158
Southern OR	MEDFORD	TOLO	5R91	SAMS VALLEY	12.5	653
Southern OR	MEDFORD	TOLO	5R92	KIRTLAND RD	12.5	216
Southern OR	MEDFORD	VILAS ROAD	5R110	MCLAUGHLIN	12.5	960
Southern OR	MEDFORD	VILAS ROAD	5R146	KING CENTER	12.5	1,462
Southern OR	MEDFORD	VILAS ROAD	5R305	WEBFOOT	12.5	926
Southern OR	MEDFORD	WHITE CITY	5R11	EAGLE POINT	12.5	1,482
Southern OR	MEDFORD	WHITE CITY	5R13	FIR-PLY	12.5	27
Southern OR	MEDFORD	WHITE CITY	5R14	AGATE	12.5	231
Southern OR	MEDFORD	WHITE CITY	5R19	3M	12.5	134
Southern OR	MEDFORD	WHITE CITY	5R66	4 CORNERS	12.5	1,958
Southern OR	MEDFORD	WHITE CITY	5R76	AVE C	12.5	83
Southern OR	ROSEBURG/MYRTLECREEK	CANYONVILLE	5U46	CANYONVILLE	12.5	383
Southern OR	ROSEBURG/MYRTLECREEK	CANYONVILLE	5U52	BEALS CREEK FEEDER	12.5	870
Southern OR	ROSEBURG/MYRTLECREEK	CARNES	5U44	RND PRARIE	12.5	433
Southern OR	ROSEBURG/MYRTLECREEK	CLEARWATER #2 SUB	6U33	CLEARWATER	7.2	93
Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U38	HARVARD	20.8	2,972
Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U39	GOEDECK	20.8	1,281
Southern OR	ROSEBURG/MYRTLECREEK	GARDEN VALLEY	4U80	EDENBOWER	20.8	798
Southern OR	ROSEBURG/MYRTLECREEK	GARDEN VALLEY	4U81	VALLEY	20.8	1,405
Southern OR	ROSEBURG/MYRTLECREEK	GLIDE SUBSTATION	5U83	IDLEYLD	12.5	926
Southern OR	ROSEBURG/MYRTLECREEK	GLIDE SUBSTATION	5U84	LITTLE RIVER	12.5	1,376
Southern OR	ROSEBURG/MYRTLECREEK	GREEN SUBSTATION	5U32	SAFARI	12.5	2,253
Southern OR	ROSEBURG/MYRTLECREEK	GREEN SUBSTATION	5U33	SUNNYSLOPE	12.5	1,637
Southern OR	ROSEBURG/MYRTLECREEK	ILLAHEE FLATS	6U13	ILLAHEE FLATS SINGLE PHASE RECLOSER	7.2	27
Southern OR	ROSEBURG/MYRTLECREEK	LEMOLO # 1	5U920	DIAMOND LAKE	12.5	179
Southern OR	ROSEBURG/MYRTLECREEK	MYRTLE CREEK	5U76	SUPER Y	12.5	1,525
Southern OR	ROSEBURG/MYRTLECREEK	MYRTLE CREEK	5U77	BOOMER HILL	12.5	1,211
Southern OR	ROSEBURG/MYRTLECREEK	OAKLAND (OR)	5U11	UMPQUA	12.5	1,310
Southern OR	ROSEBURG/MYRTLECREEK	OAKLAND (OR)	5U12	STAGECOACH	12.5	553
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U1	TRI CITY	12.5	2,117
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U2	COW CREEK	12.5	1,560
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U3	HANNA	12.5	283

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE-VENEER	5U50	RFP-LVL (EWP)	12.0	30
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U10	DIAMOND	20.8	2,503
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U22	DIXON	20.8	1,242
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U5	DOUGLAS	20.8	2,141
Southern OR	ROSEBURG/MYRTLECREEK	SLIDE CREEK	6U76	SLIDE CREEK CAMP	7.2	4
Southern OR	ROSEBURG/MYRTLECREEK	SOUTHGATE	4U30	SHADY POINT	20.8	1,622
Southern OR	ROSEBURG/MYRTLECREEK	SOUTHGATE	4U31	BOOTH	20.8	1,536
Southern OR	ROSEBURG/MYRTLECREEK	STEAMBOAT	6U18	STEAMBOAT	7.2	21
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U35	NON-PAREIL	12.5	1,310
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U36	DEADY	12.5	1,357
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U56	Industrial	12.5	534
Southern OR	ROSEBURG/MYRTLECREEK	TILLER	5U89	JACKSON CRK	12.5	295
Southern OR	ROSEBURG/MYRTLECREEK	TOKETEE	8U12	TOKETEE CITY	2.4	22
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	4U18	WILBUR	20.8	1,640
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	5U15	NEWTON CREEK	12.5	1,792
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	5U17	FISHER	12.5	785
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	5U19	EVANS	12.5	740
Southern OR	ROSEBURG/MYRTLECREEK	WINSTON	5U48	BROCKWAY	12.5	861
Southern OR	ROSEBURG/MYRTLECREEK	WINSTON	5U49	DILLARD	12.5	1,432
Willamette Valley	ALBANY	HAZELWOOD	4M335	WEST HIGH	20.8	841
Willamette Valley	ALBANY	HAZELWOOD	4M336	RIVERVIEW (HAZELWOOD)	20.8	1,236
Willamette Valley	ALBANY	JEFFERSON (OR)	4M117	MARION	20.8	718
Willamette Valley	ALBANY	JEFFERSON (OR)	4M125	MINT	20.8	2,508
Willamette Valley	ALBANY	MURDER CREEK	4M243	SCRAVEL HILL	20.8	4,127
Willamette Valley	ALBANY	MURDER CREEK	4M245	RURAL NW	20.8	2,382
Willamette Valley	ALBANY	MURDER CREEK	4M249	DURA-PACIFIC	20.8	177
Willamette Valley	ALBANY	MURDER CREEK	4M250	INDUSTRIAL	20.8	4
Willamette Valley	ALBANY	MURDER CREEK	5M131	WAH CHANG SOUTH	12.5	1
Willamette Valley	ALBANY	OREMET	4M295	OAK CREEK	20.8	97
Willamette Valley	ALBANY	OREMET	4M296	ROGERSDALE	20.8	2,145
Willamette Valley	ALBANY	OREMET	5M19	OREMET	12.5	3
Willamette Valley	ALBANY	QUEEN AVE	4M217	SANTIAM	20.8	1,857
Willamette Valley	ALBANY	QUEEN AVE	4M258	HILL STREET	20.8	2,857
Willamette Valley	ALBANY	QUEEN AVE	4M261	WAVERLY	20.8	3,745
Willamette Valley	ALBANY	QUEEN AVE	4M262	GEARY STREET	20.8	2,622
Willamette Valley	ALBANY	VINE STREET	4M15	FERRY	20.8	3,195
Willamette Valley	ALBANY	VINE STREET	4M16	WATER STREET	20.8	4,397
Willamette Valley	CORVALLIS	26TH ST (OSU)	7M68	OSU FEEDER 4	4.1	1

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Willamette Valley	CORVALLIS	26TH ST (OSU)	7M70	OSU FEEDER 5	4.1	1
Willamette Valley	CORVALLIS	35TH ST (OSU)	7M34	7M34	4.1	1
Willamette Valley	CORVALLIS	BUCHANAN	4M130	HEWLETT PACKARD	20.8	2,960
Willamette Valley	CORVALLIS	BUCHANAN	4M133	PEORIA	20.8	2,419
Willamette Valley	CORVALLIS	BUCHANAN	4M134	N. NINTH ST.	20.8	2,587
Willamette Valley	CORVALLIS	CIRCLE BLVD	4M394	H. P. #1	20.8	1
Willamette Valley	CORVALLIS	CIRCLE BLVD	4M427	H. P. #3	20.8	1
Willamette Valley	CORVALLIS	CIRCLE BLVD	4M429	H. P. #5	20.8	1
Willamette Valley	CORVALLIS	DIXON	7M26	FOURTH ST.	4.1	226
Willamette Valley	CORVALLIS	DIXON	7M29	SECOND ST.	4.1	271
Willamette Valley	CORVALLIS	GRANT ST	4M265	HIGH SCHOOL	20.8	2,476
Willamette Valley	CORVALLIS	GRANT ST	4M266	CHINTIMINI	20.8	2,486
Willamette Valley	CORVALLIS	GRANT ST	4M268	KINGS ROAD	20.8	2,498
Willamette Valley	CORVALLIS	GRANT ST	4M269	29TH STREET	20.8	3,623
Willamette Valley	CORVALLIS	HILLVIEW	4M180	WEST HILLS	20.8	1,908
Willamette Valley	CORVALLIS	HILLVIEW	4M181	PHILOMATH	20.8	1,300
Willamette Valley	CORVALLIS	HILLVIEW	4M182	SUNSET	20.8	1,755
Willamette Valley	CORVALLIS	HILLVIEW	4M185	PLYMOUTH	20.8	2,185
Willamette Valley	CORVALLIS	MARYS RIVER	4M151	GREENBERRY	20.8	3,575
Willamette Valley	CORVALLIS	MARYS RIVER	4M152	AVERY	20.8	185
Willamette Valley	CORVALLIS	MARYS RIVER	4M153	GALLAGHER	20.8	156
Willamette Valley	COTTAGE GROVE/J.CITY	COBURG	4M220	DETERING	20.8	596
Willamette Valley	COTTAGE GROVE/J.CITY	GOSHEN (OR)	4M360	GOSHEN FDR	20.8	1,608
Willamette Valley	COTTAGE GROVE/J.CITY	HARRISBURG SUB	4M400	TERRITORIAL	20.8	1,854
Willamette Valley	COTTAGE GROVE/J.CITY	JUNCTION CITY	4M102	6TH STREET	20.8	1,152
Willamette Valley	COTTAGE GROVE/J.CITY	JUNCTION CITY	4M99	PRAIRIE ROAD	20.8	997
Willamette Valley	COTTAGE GROVE/J.CITY	LANCASTER	4M209	MONROE	20.8	1,141
Willamette Valley	COTTAGE GROVE/J.CITY	VILLAGE GREEN	4M84	NORTH SIDE	20.8	2,380
Willamette Valley	COTTAGE GROVE/J.CITY	VILLAGE GREEN	4M86	MADISON	20.8	1,608
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M100	RURAL (DALLAS)	20.8	2,171
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M201	INDUSTRIAL	20.8	3,152
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M202	ELLENDALE	20.8	3,066
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M238	DALLAS	20.8	2,359
Willamette Valley	DALLAS/INDEPENDENCE	INDEPENDENCE	4M22	RICKREAL	20.8	3,153
Willamette Valley	DALLAS/INDEPENDENCE	INDEPENDENCE	4M25	BUENA VISTA	20.8	2,294
Willamette Valley	LEBANON	BROWNSVILLE	4M17	CALAPOOIA	12.5	1,695
Willamette Valley	LEBANON	CALAPOOYA	4M850	SPAULDING	20.8	1,195
Willamette Valley	LEBANON	CALAPOOYA	4M851	BEAR	20.8	31

Oregon 2024 Circuit kV and Customer Counts

Oregon Region	Op Area Name	Substation Name	Circuit Id	Circuit Name	kV	Circuit Customer Count
Willamette Valley	LEBANON	CROWFOOT	4M204	CROWFOOT	20.8	1,516
Willamette Valley	LEBANON	CROWFOOT	4M206	US PLYWOOD (LEBANON)	20.8	2,059
Willamette Valley	LEBANON	LEBANON	4M61	TANGENT	20.8	2,630
Willamette Valley	LEBANON	LEBANON	4M62	RALSTON	20.8	2,015
Willamette Valley	LEBANON	LEBANON	4M63	TENNESSEE	20.8	1,790
Willamette Valley	LEBANON	LEBANON	4M79	CROWN Z	20.8	1,265
Willamette Valley	LEBANON	SWEET HOME	4M37	HOLLEY	20.8	2,033
Willamette Valley	LEBANON	SWEET HOME	4M38	NARROWS	20.8	995
Willamette Valley	LEBANON	SWEET HOME	4M93	AMES CREEK	20.8	1,747
Willamette Valley	LEBANON	SWEET HOME	4M94	FOSTER	20.8	2,468
Willamette Valley	STAYTON	LYONS	4M120	MILL CITY	20.8	692
Willamette Valley	STAYTON	LYONS	4M70	MEHAMA	20.8	2,081
Willamette Valley	STAYTON	SCIO	5M126	THOMAS	12.5	1,573
Willamette Valley	STAYTON	STAYTON	4M19	AUMSVILLE	20.8	3,501
Willamette Valley	STAYTON	STAYTON	4M353	WEST STAYTON	20.8	3,549
Willamette Valley	STAYTON	STAYTON	4M370	CASCADE	20.8	1,574
Willamette Valley	STAYTON	STAYTON	4M50	3RD STREET	20.8	917

Oregon 2024 Circuit Metrics (Excluding major events)

Oregon Regions	Op Area Name	Substation Name	Circuit Id	Circuit Name	Customers in Incident Sustained	Customer Minutes Lost	Circuit Customer Count	SAIDI	SAIFI
Central OR	BEND/REDMOND	BEND	5D10	PORTLAND AVE	2,296	203,739	2,251	90.5	1.020
Central OR	BEND/REDMOND	BEND	5D11	GLEN VISTA	1,413	131,822	1,376	95.8	1.027
Central OR	BEND/REDMOND	BEND	5D12	DIVISION ST.	4	578	214	2.7	0.019
Central OR	BEND/REDMOND	BEND	5D196	MALLARD	1,949	175,977	1,672	105.2	1.166
Central OR	BEND/REDMOND	BOND STREET	5D411	BACHELOR	3,283	152,099	2,402	63.3	1.367
Central OR	BEND/REDMOND	BOND STREET	5D418	BLAKELY	63	9,287	1,403	6.6	0.045
Central OR	BEND/REDMOND	CHINA HAT	5D140	LAVA (CHINA HAT)	3,270	212,546	2,610	81.4	1.253
Central OR	BEND/REDMOND	CHINA HAT	5D142	HIGH DESERT	6,330	102,816	1,741	59.1	3.636
Central OR	BEND/REDMOND	CHINA HAT	5D144	D.R.W.	6,519	97,608	2,546	38.3	2.560
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D30	ARROWHEAD	2,823	264,159	1,278	206.7	2.209
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D35	WICKIUP	1,266	36,581	1,084	33.7	1.168
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D38	TOMAHAWK	7,174	597,035	1,542	387.2	4.652
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D94	TEEPEE	3,046	32,458	3,405	9.5	0.895
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D96	OBSIDIAN	3,768	351,620	1,972	178.3	1.911
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D98	HUCKLEBERRY	2,456	173,644	1,212	143.3	2.026
Central OR	BEND/REDMOND	CROOKED RIVER RANCH	4D131	CANYON	4,420	495,322	1,864	265.7	2.371
Central OR	BEND/REDMOND	CROOKED RIVER RANCH	4D30	CROOKED R.R.	3,122	450,503	831	542.1	3.757
Central OR	BEND/REDMOND	DESCHUTES	5D184	PRONGHORN	2,353	279,736	1,155	242.2	2.037
Central OR	BEND/REDMOND	DESCHUTES	5D2	DESCHUTES S	61	10,364	1,054	9.8	0.058
Central OR	BEND/REDMOND	HUNTERS CIRCLE	5D192	Mackinaw	287	32,374	1,502	21.6	0.191
Central OR	BEND/REDMOND	OVERPASS	5D104	AWBREY	455	40,096	1,922	20.9	0.237
Central OR	BEND/REDMOND	OVERPASS	5D106	NEZ PERCE	405	67,163	2,812	23.9	0.144
Central OR	BEND/REDMOND	OVERPASS	5D120	CHINOOK	9	4,311	1,949	2.2	0.005
Central OR	BEND/REDMOND	OVERPASS	5D128	PAIUTE	120	21,203	1,489	14.2	0.081
Central OR	BEND/REDMOND	OVERPASS	5D155	APACHE	1,077	246,191	1,064	231.4	1.012
Central OR	BEND/REDMOND	PILOT BUTTE	5D261	KLONDIKE	549	114,746	1,752	65.5	0.313
Central OR	BEND/REDMOND	PILOT BUTTE	5D263	DRAKE FEEDER	85	15,033	1,897	7.9	0.045
Central OR	BEND/REDMOND	PILOT BUTTE	5D265	DOBBIN	241	44,178	2,426	18.2	0.099
Central OR	BEND/REDMOND	REDMOND	5D21	SOUTH (REDMOND)	19	2,862	1,087	2.6	0.017
Central OR	BEND/REDMOND	REDMOND	5D22	INDUSTRIAL	5,803	785,093	1,614	486.4	3.595
Central OR	BEND/REDMOND	REDMOND	5D223	TETHEROW	536	61,886	931	66.5	0.576
Central OR	BEND/REDMOND	REDMOND	5D226	CLINE FALLS	2,552	375,183	2,095	179.1	1.218
Central OR	BEND/REDMOND	REDMOND	5D227	WINDSOR	94	15,626	2,934	5.3	0.032
Central OR	BEND/REDMOND	REDMOND	5D228	CITY	6	813	1,322	0.6	0.005
Central OR	BEND/REDMOND	REDMOND	5D229	JUNIPER	283	45,181	468	96.5	0.605

Oregon 2024 Circuit Metrics (Excluding major events)

Oregon Regions	Op Area Name	Substation Name	Circuit Id	Circuit Name	Customers in Incident Sustained	Customer Minutes Lost	Circuit Customer Count	SAIDI	SAIFI
Central OR	BEND/REDMOND	SHEVLIN PARK	5D238	WOLVERINE (SHP) (WAS 5D327)	257	47,994	1,869	25.7	0.138
Central OR	BEND/REDMOND	SHEVLIN PARK	5D241	BADGER (SHP)	31	5,392	2,808	1.9	0.011
Central OR	BEND/REDMOND	SHEVLIN PARK	5D432	SKUNK	72	3,796	2,271	1.7	0.032
Central OR	BEND/REDMOND	SHEVLIN PARK	5D434	RACOON	101	20,220	1,350	15.0	0.075
Central OR	BEND/REDMOND	YEW AVENUE	5D322	BIRDIE	484	52,260	2,606	20.1	0.186
Central OR	BEND/REDMOND	YEW AVENUE	5D325	EAGLE	4	349	3,024	0.1	0.001
Central OR	MADRAS	CHERRY LANE	5D295	7 PEAKS	163	156,874	157	999.2	1.038
Central OR	MADRAS	CULVER	5D5	CULVER	12,733	1,127,870	1,884	598.7	6.758
Central OR	MADRAS	MADRAS	5D52	MADRAS RURAL	9,802	651,771	1,086	600.2	9.026
Central OR	MADRAS	MADRAS	5D53	AGATE	1,574	49,600	1,478	33.6	1.065
Central OR	MADRAS	MADRAS	5D57	QUARTZ	105	25,911	1,593	16.3	0.066
Central OR	MADRAS	MADRAS	5D61	MADRAS CITY	292	43,761	1,290	33.9	0.226
Central OR	MADRAS	POWELL BUTTE	5D1	POWELL BUTTE	5,134	756,875	692	1,093.7	7.419
Central OR	MADRAS	PRINEVILLE	5D126	RIMROCK	897	76,312	893	85.5	1.004
Central OR	MADRAS	PRINEVILLE	5D167	NORTHVILLE	606	72,756	2,897	25.1	0.209
Central OR	MADRAS	PRINEVILLE	5D25	OCHOCO	1,024	116,841	1,056	110.6	0.970
Central OR	MADRAS	PRINEVILLE	5D47	MC KAY (PRINEVILLE)	118	14,186	1,181	12.0	0.100
Central OR	MADRAS	PRINEVILLE	5D48	LAMONTA	119	13,257	657	20.2	0.181
Central OR	MADRAS	PRINEVILLE	5D50	PINE CONE	1,880	99,369	912	109.0	2.061
Central OR	MADRAS	PRINEVILLE	5D69	GRIMES FLAT	1	19	1,708	0.0	0.001
Central OR	MADRAS	WARM SPRINGS	4D68	WARM SPRINGS (OR)	3,146	462,082	971	475.9	3.240
CoastPlus	CLATSOP (ASTORIA)	CANNON BEACH	5A10	HAYSTACK	117	20,322	1,642	12.4	0.071
CoastPlus	CLATSOP (ASTORIA)	CANNON BEACH	5A8	ECOLA	776	114,490	1,229	93.2	0.631
CoastPlus	CLATSOP (ASTORIA)	FERN HILL SUB	5A51	JOHN DAY	1,103	164,969	273	604.3	4.040
CoastPlus	CLATSOP (ASTORIA)	FERN HILL SUB	5A52	SCANDINAVIAN	56	6,913	382	18.1	0.147
CoastPlus	CLATSOP (ASTORIA)	KNAPPA SVENSEN	5A92	SVENSEN	2,495	484,345	736	658.1	3.390
CoastPlus	CLATSOP (ASTORIA)	KNAPPA SVENSEN	5A93	BRADWOOD	3,481	433,792	944	459.5	3.688
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A80	GROVE	2,613	255,552	2,381	107.3	1.097
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A81	CENTRAL	1,955	47,553	1,615	29.4	1.211
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A82	NECANICUM	80	7,585	1,272	6.0	0.063
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A83	GEARHART	7,115	851,627	3,568	238.7	1.994
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A15	CITY	59	11,044	314	35.2	0.188
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A16	MILL (WARRENTON)	1,295	485,535	2,290	212.0	0.566
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A20	SOUTH (WARRENTON)	611	67,590	1,815	37.2	0.337
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A202	PORT DOCK	701	107,481	1,187	90.5	0.591

Oregon 2024 Circuit Metrics (Excluding major events)

Oregon Regions	Op Area Name	Substation Name	Circuit Id	Circuit Name	Customers in Incident Sustained	Customer Minutes Lost	Circuit Customer Count	SAIDI	SAIFI
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A204	MOO COW	329	51,742	1,222	42.3	0.269
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A206	YOUNGS BAY #6	17	1,643	335	4.9	0.051
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A210	YOUNGS BAY #10	49	3,960	948	4.2	0.052
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A211	OLNEY	662	68,983	1,104	62.5	0.600
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A213	INDUSTRIAL	119	18,220	1,405	13.0	0.085
CoastPlus	COOS BAY/COQUILLE	BANDON TIE (BPA)	L804	BANDON	4,171	750,975	775	969.0	5.382
CoastPlus	COOS BAY/COQUILLE	COOS RIVER	4C106	COOS RIVER	8,965	1,289,719	1,373	939.3	6.529
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C41	HENRY STREET	5,314	271,880	1,677	162.1	3.169
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C42	TERRES HGHTS	9,932	902,927	1,543	585.2	6.437
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C43	INDUSTRIAL	480	27,104	160	169.4	3.000
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C108	EMPIRE	2,191	59,270	1,751	33.8	1.251
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C89	SCOTT	1,485	17,447	1,447	12.1	1.026
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C90	CHARLESTON	2,925	92,020	2,125	43.3	1.376
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C48	CITY CENTER	4,536	950,028	1,484	640.2	3.057
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C49	EASTSIDE	787	188,465	772	244.1	1.019
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C5	GEORGIA-PAC	98	41,641	94	443.0	1.043
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C50	BUNKERHILL	7,191	1,580,660	1,848	855.3	3.891
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C97	ENGLEWOOD	2,213	701,265	1,392	503.8	1.590
CoastPlus	COOS BAY/COQUILLE	MYRTLE POINT	4C36	NORTH (MYRTLE POINT)	2,485	179,139	339	528.4	7.330
CoastPlus	COOS BAY/COQUILLE	MYRTLE POINT	4C37	MAPLE STREET	9,248	1,187,158	2,093	567.2	4.419
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C112	WOODLAND	779	94,548	1,814	52.1	0.429
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C66	BAYSHORE	540	41,455	1,728	24.0	0.313
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C67	INDUSTRIAL	2,528	60,402	2,209	27.3	1.144
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C86	BANGOR	2,330	573,594	1,796	319.4	1.297
CoastPlus	HOOD RIVER	GORDON HOLLOW	4K1	SHERMAN 208	2,237	255,350	721	354.2	3.103
CoastPlus	HOOD RIVER	HOOD RIVER	5K37	RESIDENTIAL	2,255	333,866	2,115	157.9	1.066
CoastPlus	HOOD RIVER	HOOD RIVER	5K43	BELMONT	3,029	473,843	1,295	365.9	2.339
CoastPlus	HOOD RIVER	HOOD RIVER	5K44	NORTH (HOOD RIVER)	2,740	361,701	2,031	178.1	1.349
CoastPlus	HOOD RIVER	HOOD RIVER	5K70	EASTSIDE	1,271	212,478	1,021	208.1	1.245
CoastPlus	HOOD RIVER	HOOD RIVER	5K74	SOUTH (HOOD RIVER)	1,681	233,084	1,464	159.2	1.148
CoastPlus	HOOD RIVER	KENWOOD	5K50	OAKGROVE	4,078	745,210	794	938.6	5.136
CoastPlus	HOOD RIVER	WASCO	7K1	WASCO	579	51,662	287	180.0	2.017
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A310	INLAND FEEDER	1,699	365,060	2,301	158.7	0.738
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A312	OCEAN	1,662	269,332	3,128	86.1	0.531
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A316	LAKE (DEVILS LAKE)	14,378	1,759,007	4,626	380.2	3.108

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CoastPlus	LINCOLN CITY	DEVILS LAKE	4A338	SIUSLAW	1,144	188,815	668	282.7	1.713
CoastPlus	LINCOLN CITY	GLENEDEN	7A364	GLENEDEN	996	223,126	716	311.6	1.391
CoastPlus	LINCOLN CITY	GLENEDEN	7A366	SALISHAN	1,574	225,024	363	619.9	4.336
CoastPlus	LINCOLN CITY	WECOMA BEACH	7A354	WECOMA	45	9,533	726	13.1	0.062
CoastPlus	PORTLAND	ALBINA	5P150	ALBINA 11C15	5	3,060	134	22.8	0.037
CoastPlus	PORTLAND	COLUMBIA (OR)	5P266	COLUMBIA #2	2,691	94,543	2,621	36.1	1.027
CoastPlus	PORTLAND	COLUMBIA (OR)	5P268	COLUMBIA #1	479	18,546	352	52.7	1.361
CoastPlus	PORTLAND	COLUMBIA (OR)	5P474	COLUMBIA #6	543	15,195	535	28.4	1.015
CoastPlus	PORTLAND	COLUMBIA (OR)	5P476	COLUMBIA #3	1,594	175,164	834	210.0	1.911
CoastPlus	PORTLAND	COLUMBIA (OR)	5P478	COLUMBIA #4	2,186	244,773	1,132	216.2	1.931
CoastPlus	PORTLAND	CULLY	5P288	CULLY #3-UG	863	43,320	744	58.2	1.160
CoastPlus	PORTLAND	CULLY	5P290	CULLY #2	55	6,857	1,024	6.7	0.054
CoastPlus	PORTLAND	CULLY	5P292	CULLY #1	131	34,292	2,899	11.8	0.045
CoastPlus	PORTLAND	HOLLADAY (OR)	5P146	HOLLADAY #2-UG	295	86,946	307	283.2	0.961
CoastPlus	PORTLAND	HOLLADAY (OR)	5P156	HOLLADAY #4-UG	1	95	723	0.1	0.001
CoastPlus	PORTLAND	HOLLADAY (OR)	5P158	HOLLADAY #6	969	27,770	896	31.0	1.081
CoastPlus	PORTLAND	HOLLYWOOD	5P203	HOLLYWOOD #3	16	2,747	1,512	1.8	0.011
CoastPlus	PORTLAND	HOLLYWOOD	5P204	HOLLYWOOD #2	14	3,235	647	5.0	0.022
CoastPlus	PORTLAND	HOLLYWOOD	5P205	HOLLYWOOD #1	110	20,388	2,336	8.7	0.047
CoastPlus	PORTLAND	HOLLYWOOD	5P208	HOLLYWOOD #5	3,759	792,519	3,423	231.5	1.098
CoastPlus	PORTLAND	HOLLYWOOD	5P209	HOLLYWOOD #4	56	7,358	2,343	3.1	0.024
CoastPlus	PORTLAND	KENNEDY	5P12	CB 5P12	1,444	43,684	1,169	37.4	1.235
CoastPlus	PORTLAND	KENNEDY	5P14	CB 5P14	2,210	86,616	1,995	43.4	1.108
CoastPlus	PORTLAND	KENNEDY	5P15	CB 5P15	1,705	77,427	1,544	50.1	1.104
CoastPlus	PORTLAND	KILLINGSWORTH	5P123	KILLINGSWORTH #3	454	4,253	457	9.3	0.993
CoastPlus	PORTLAND	KILLINGSWORTH	5P217	KILLINGSWORTH #5	424	4,076	294	13.9	1.442
CoastPlus	PORTLAND	KILLINGSWORTH	5P41	KILLINGSWORTH #4	1,007	14,313	959	14.9	1.050
CoastPlus	PORTLAND	KILLINGSWORTH	5P88	KILLINGSWORTH #1-UG	2	18	1	18.0	2.000
CoastPlus	PORTLAND	KILLINGSWORTH	5P89	KILLINGSWORTH #2	1,807	21,358	1,766	12.1	1.023
CoastPlus	PORTLAND	KNOTT	5P231	KNOTT #1	14	839	3,457	0.2	0.004
CoastPlus	PORTLAND	KNOTT	5P232	KNOTT #2	1,693	444,913	2,571	173.1	0.658
CoastPlus	PORTLAND	KNOTT	5P233	KNOTT #3	2,410	126,751	2,387	53.1	1.010
CoastPlus	PORTLAND	KNOTT	5P374	11020	74	18,667	1,009	18.5	0.073
CoastPlus	PORTLAND	MALLORY	5P162	MALLORY #1	2,369	65,737	2,354	27.9	1.006
CoastPlus	PORTLAND	MALLORY	5P164	MALLORY #2	3,717	213,245	3,336	63.9	1.114

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CoastPlus	PORTLAND	PARKROSE	5P244	PARKROSE#4	3,236	81,664	3,091	26.4	1.047
CoastPlus	PORTLAND	PARKROSE	5P246	PARKROSE#3	3,359	1,094,937	3,070	356.7	1.094
CoastPlus	PORTLAND	PARKROSE	5P250	PARKROSE#2	686	141,534	638	221.8	1.075
CoastPlus	PORTLAND	PARKROSE	5P252	PARKROSE#1	3,913	513,360	1,756	292.3	2.228
CoastPlus	PORTLAND	PARKROSE	5P717	PARKROSE 5	12	3,857	142	27.2	0.085
CoastPlus	PORTLAND	RUSSELLVILLE	5P274	RUSSELLVILLE #3	6,285	367,614	3,064	120.0	2.051
CoastPlus	PORTLAND	RUSSELLVILLE	5P276	RUSSELLVILLE #4	3,072	172,947	2,501	69.2	1.228
CoastPlus	PORTLAND	RUSSELLVILLE	5P278	RUSSELLVILLE #1	6,597	696,217	3,282	212.1	2.010
CoastPlus	PORTLAND	RUSSELLVILLE	5P280	RUSSELLVILLE #2	1,713	100,112	1,321	75.8	1.297
CoastPlus	PORTLAND	VERNON	5P391	VERNON #1	4,011	238,278	1,994	119.5	2.012
CoastPlus	PORTLAND	VERNON	5P392	VERNON NO. 2	2,618	81,015	2,557	31.7	1.024
CoastPlus	PORTLAND	VERNON	5P393	VERNON #3	7,263	452,238	3,405	132.8	2.133
CoastPlus	PORTLAND	VERNON	5P394	VERNON # 4	7,348	933,482	3,550	263.0	2.070
CoastPlus	PORTLAND	VERNON	5P395	VERNON # 5	4,595	268,861	2,271	118.4	2.023
Northeast OR	ENTERPRISE	ENTERPRISE (OR)	4W8	CREIGHTON LN	18,911	1,273,888	1,562	815.5	12.107
Northeast OR	ENTERPRISE	ENTERPRISE (OR)	5W15	CITY	3,032	183,976	966	190.5	3.139
Northeast OR	ENTERPRISE	ENTERPRISE (OR)	5W26	RURAL (ENTERPRISE)	7,494	539,294	1,157	466.1	6.477
Northeast OR	ENTERPRISE	JOSEPH	5W21	PRAIRIE	16,262	1,218,903	886	1,375.7	18.354
Northeast OR	ENTERPRISE	MINAM	5W18	MINAM	87	8,057	13	619.7	6.692
Northeast OR	ENTERPRISE	PALLETTE	4W14	PALLETTE NORTH	1,183	579,939	175	3,313.9	6.760
Northeast OR	ENTERPRISE	PALLETTE	4W15	PALLETTE SOUTH	126	17,886	62	288.5	2.032
Northeast OR	ENTERPRISE	WALLOWA	5W28	CITY	4,012	184,444	911	202.5	4.404
Northeast OR	HERMISTON	ARLINGTON	5K25	ARLINGTON	2,132	470,151	532	883.7	4.008
Northeast OR	HERMISTON	BLALOCK	5K40	BLALOCK	45	22,870	22	1,039.6	2.045
Northeast OR	HERMISTON	DALREED	4K16	WILLOW COVE	153	47,901	70	684.3	2.186
Northeast OR	HERMISTON	DALREED	4K36	SIMTAG	28	4,228	20	211.4	1.400
Northeast OR	HERMISTON	DALREED	4K46	BOEING	1,583	281,723	178	1,582.7	8.893
Northeast OR	HERMISTON	HERMISTON	5W602	RURAL (HERMISTON)	13,559	890,026	1,498	594.1	9.051
Northeast OR	HERMISTON	HINKLE	5W82	MEADOWS	412	25,162	380	66.2	1.084
Northeast OR	HERMISTON	UMATILLA	5W658	UMATILLA	1,649	84,699	1,581	53.6	1.043
Northeast OR	HERMISTON	UMATILLA	5W660	MCNARY	1,196	83,280	966	86.2	1.238
Northeast OR	HERMISTON	UMATILLA	5W664	PORT FEEDER	60	2,739	60	45.7	1.000
Northeast OR	PENDLETON	ATHENA	5W703	CITY	3,040	235,172	854	275.4	3.560
Northeast OR	PENDLETON	ATHENA	5W705	HELIX	1,404	88,328	425	207.8	3.304
Northeast OR	PENDLETON	BUCKAROO	5W201	STATE HOSP.	696	42,736	622	68.7	1.119

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Oregon Regions	Op Area Name	Substation Name	Circuit Id	Circuit Name	Customers in Incident Sustained	Customer Minutes Lost	Circuit Customer Count	SAIDI	SAIFI
Northeast OR	PENDLETON	BUCKAROO	5W202	REITH	1,127	95,475	718	133.0	1.570
Northeast OR	PENDLETON	BUCKAROO	5W203	MONTEE	201	21,937	1,188	18.5	0.169
Northeast OR	PENDLETON	MCKAY (OR)	5W856	MCKAY	14,121	1,376,821	1,831	752.0	7.712
Northeast OR	PENDLETON	MCKAY (OR)	5W857	WILDHORSE	14	1,082	182	5.9	0.077
Northeast OR	PENDLETON	PENDLETON	5W401	WEST HILLS	199	19,330	1,495	12.9	0.133
Northeast OR	PENDLETON	PENDLETON	5W402	HARRIS HTS	452	30,994	2,067	15.0	0.219
Northeast OR	PENDLETON	PENDLETON	5W403	MISSION	5,278	439,576	912	482.0	5.787
Northeast OR	PENDLETON	PENDLETON	7W452	NORTHWEST	1	131	530	0.2	0.002
Northeast OR	PENDLETON	PENDLETON	7W453	SOUTHWEST (PENDELTON)	2	335	329	1.0	0.006
Northeast OR	PENDLETON	PENDLETON	7W454	EAST END	6	1,299	240	5.4	0.025
Northeast OR	PENDLETON	PILOT ROCK	5W404	MILL (PILOT ROCK)	2	357	2	178.5	1.000
Northeast OR	PENDLETON	PILOT ROCK	5W406	PILOT ROCK CITY	4,851	464,940	1,337	347.7	3.628
Northeast OR	PENDLETON	WESTON NEW (OR)	5W40	WESTON CANNERY	15	580	15	38.7	1.000
Northeast OR	PENDLETON	WESTON NEW (OR)	5W7	SCOTTS FEEDER	3,090	245,943	458	537.0	6.747
Northeast OR	WALLA WALLA	UMAPINE	5W105	UMAPINE FEEDER	527	71,087	965	73.7	0.546
Northeast OR	WALLA WALLA	UMAPINE	5W106	FERNDALE	451	58,996	1,368	43.1	0.330
Southern OR	GRANTS PASS	AGNESS AVE	5R172	SPALDING MILL	4,139	1,151,366	875	1,315.8	4.730
Southern OR	GRANTS PASS	AGNESS AVE	5R173	JONES CREEK	4,537	366,146	878	417.0	5.167
Southern OR	GRANTS PASS	AGNESS AVE	5R322	ANTEATER	1,062	122,156	1,003	121.8	1.059
Southern OR	GRANTS PASS	APPLEGATE	5R267	MURPHY	6,619	1,473,279	1,076	1,369.2	6.151
Southern OR	GRANTS PASS	APPLEGATE	5R278	HIGHWAY	6,648	813,182	1,339	607.3	4.965
Southern OR	GRANTS PASS	BEACON	5R104	SAVAGE ST	7,656	639,344	1,268	504.2	6.038
Southern OR	GRANTS PASS	BEACON	5R105	BEACON ST	5,949	523,487	831	629.9	7.159
Southern OR	GRANTS PASS	CAVE JUNCTION	5R52	FREE& EASY	13,894	1,518,300	2,469	614.9	5.627
Southern OR	GRANTS PASS	CAVE JUNCTION	5R53	ROUGH &READY	2,257	132,829	1,512	87.8	1.493
Southern OR	GRANTS PASS	CAVEMAN	5R295	QUAIL	38	3,700	1,095	3.4	0.035
Southern OR	GRANTS PASS	CAVEMAN	5R82	WASHINGTON	3,770	223,657	1,205	185.6	3.129
Southern OR	GRANTS PASS	CAVEMAN	5R98	MANZANITA	1,354	155,475	581	267.6	2.330
Southern OR	GRANTS PASS	CAVEMAN	5R99	CAVEMAN	2,445	243,234	1,233	197.3	1.983
Southern OR	GRANTS PASS	DOWELL	5R331	DOVE	4,572	387,594	1,484	261.2	3.081
Southern OR	GRANTS PASS	DOWELL	5R334	DUCK	4,022	421,212	2,680	157.2	1.501
Southern OR	GRANTS PASS	EASY VALLEY	5R123	G STREET	4,600	365,995	2,228	164.3	2.065
Southern OR	GRANTS PASS	EASY VALLEY	5R125	ROGUE	8,144	456,014	1,825	249.9	4.462
Southern OR	GRANTS PASS	EASY VALLEY	5R259	CHINOOK	5,310	614,476	1,344	457.2	3.951
Southern OR	GRANTS PASS	FIELDER CREEK	4R33	ELK FDR.	19,047	1,982,457	1,864	1,063.6	10.218

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Oregon Regions	Op Area Name	Substation Name	Circuit Id	Circuit Name	Customers in Incident Sustained	Customer Minutes Lost	Circuit Customer Count	SAIDI	SAIFI
Southern OR	GRANTS PASS	FIELDER CREEK	4R34	BEAR FDR	4,531	1,129,534	875	1,290.9	5.178
Southern OR	GRANTS PASS	GLENDALE SUBSTATION	5R133	GLENDALE	5,916	856,594	1,895	452.0	3.122
Southern OR	GRANTS PASS	GLENDALE SUBSTATION	5R143	INDUSTRIAL	1,424	188,898	634	297.9	2.246
Southern OR	GRANTS PASS	JEROME PRAIRIE	5R62	WILD PRAIRIE	19,511	1,215,471	1,648	737.5	11.839
Southern OR	GRANTS PASS	JEROME PRAIRIE	5R63	WOOD RIVER	10,259	1,385,377	1,614	858.4	6.356
Southern OR	GRANTS PASS	MERLIN	5R232	MERLIN-HUGO	9,006	797,642	1,033	772.2	8.718
Southern OR	GRANTS PASS	MERLIN	5R234	PARADISE	6,109	417,708	1,212	344.6	5.040
Southern OR	GRANTS PASS	MERLIN	5R248	PLEASANT VALLEY-MERLIN FEEDER	3,765	495,298	1,130	438.3	3.332
Southern OR	GRANTS PASS	MERLIN	5R251	BADGER	30	6,866	931	7.4	0.032
Southern OR	GRANTS PASS	MERLIN	5R288	MONARCH	378	34,632	1,790	19.3	0.211
Southern OR	GRANTS PASS	OBRIEN	5R106	O'BRIEN	616	27,324	430	63.5	1.433
Southern OR	GRANTS PASS	PARK STREET (OR)	5R114	FRUITDALE	10,128	750,475	2,222	337.7	4.558
Southern OR	GRANTS PASS	PARK STREET (OR)	5R115	ALLEN CREEK	3,651	333,578	1,006	331.6	3.629
Southern OR	GRANTS PASS	PARK STREET (OR)	5R121	NEW HOPE	5,043	325,105	2,215	146.8	2.277
Southern OR	GRANTS PASS	PARK STREET (OR)	5R169	PORTOLA	59	8,848	1,377	6.4	0.043
Southern OR	GRANTS PASS	PROVOLT	5R67	NORTH-SOUTH	17,010	2,979,351	1,454	2,049.1	11.699
Southern OR	GRANTS PASS	ROGUE RIVER	5R77	SAVAGE/WIMER	9,434	1,196,434	1,877	637.4	5.026
Southern OR	GRANTS PASS	ROGUE RIVER	5R78	ROCKY POINT (ROGUE RIVER)	4,656	787,304	1,060	742.7	4.392
Southern OR	GRANTS PASS	SELMA	5R65	DEER CREEK	8,102	966,311	1,181	818.2	6.860
Southern OR	KLAMATH FALLS	BEATTY	5L1	BEATTY	4,771	502,303	390	1,288.0	12.233
Southern OR	KLAMATH FALLS	BLY	5L14	TOWN (BLY)	3,537	257,354	425	605.5	8.322
Southern OR	KLAMATH FALLS	BOISE CASCADE	7L9	BOISE CASCAD	2	396	1	396.4	2.000
Southern OR	KLAMATH FALLS	BONANZA (OR)	5L7	POE VALLEY	1,405	80,200	471	170.3	2.983
Southern OR	KLAMATH FALLS	BRYANT	5L2	GARY STREET	127	9,072	2,147	4.2	0.059
Southern OR	KLAMATH FALLS	BRYANT	5L3	WASHBURN	201	18,657	1,796	10.4	0.112
Southern OR	KLAMATH FALLS	BRYANT	5L4	SUMMERS LANE	366	47,742	1,935	24.7	0.189
Southern OR	KLAMATH FALLS	BRYANT	5L5	MOYINA HTS.	244	12,895	2,481	5.2	0.098
Southern OR	KLAMATH FALLS	CASEBEER SUB	4L16	LANGELL VLY	5,374	427,682	1,199	356.7	4.482
Southern OR	KLAMATH FALLS	CHILOQUIN	5L57	CRATER LAKE	13,034	2,578,016	1,059	2,434.4	12.308
Southern OR	KLAMATH FALLS	CHILOQUIN MRKT	5L37	WILLIAMSON	1,789	313,746	574	546.6	3.117
Southern OR	KLAMATH FALLS	DAIRY	5L42	SWAN LAKE	1,268	76,026	261	291.3	4.858
Southern OR	KLAMATH FALLS	DAIRY	5L43	DAIRY	8,266	1,246,085	503	2,477.3	16.433
Southern OR	KLAMATH FALLS	HAMAKER	5L55	KENO	15,962	1,188,403	1,701	698.6	9.384
Southern OR	KLAMATH FALLS	HAMAKER	5L56	MOUNTAIN	504	12,484	169	73.9	2.982
Southern OR	KLAMATH FALLS	HENLEY	5L58	HENLEY	569	25,789	232	111.2	2.453

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Southern OR	KLAMATH FALLS	HENLEY	5L59	WEST	2,405	182,219	531	343.2	4.529
Southern OR	KLAMATH FALLS	HORNET	5L44	HOMEDALE	21,656	1,157,271	2,933	394.6	7.384
Southern OR	KLAMATH FALLS	HORNET	5L45	CRYSTAL SPR	13,252	645,358	1,534	420.7	8.639
Southern OR	KLAMATH FALLS	LAKEPORT	5L49	WOCUS	12	2,161	303	7.1	0.040
Southern OR	KLAMATH FALLS	LAKEPORT	5L54	SOUTH (LAKEPORT)	2,756	112,178	2,437	46.0	1.131
Southern OR	KLAMATH FALLS	LAKEPORT	5L61	JELDWEN	7	154	7	22.0	1.000
Southern OR	KLAMATH FALLS	MERRILL (OR)	5L26	LAKE (MERRILL)	7,108	746,683	980	761.9	7.253
Southern OR	KLAMATH FALLS	MERRILL (OR)	5L27	NORTH (MERRILL)	7,286	451,681	557	810.9	13.081
Southern OR	KLAMATH FALLS	MODOC	5L36	MODOC	9,437	1,857,391	876	2,120.3	10.773
Southern OR	KLAMATH FALLS	ROSS AVENUE	5L46	ELDORADO	1,348	160,093	1,323	121.0	1.019
Southern OR	KLAMATH FALLS	ROSS AVENUE	5L48	BROAD ST.	4,726	534,188	1,171	456.2	4.036
Southern OR	KLAMATH FALLS	RUNNING Y	4L50	ROCKY POINT FEEDER (RUNNING Y)	23,183	5,111,170	1,529	3,342.8	15.162
Southern OR	KLAMATH FALLS	SPRAGUE RIVER	5L8	SPRAGUE RIVER	5,844	500,293	533	938.6	10.964
Southern OR	KLAMATH FALLS	TEXUM	5L112	ANDERSON	3,682	165,101	1,207	136.8	3.051
Southern OR	KLAMATH FALLS	TEXUM	5L113	TOWER	1,509	14,408	284	50.7	5.313
Southern OR	KLAMATH FALLS	TEXUM	5L116	ALTAMONT	7,411	436,807	1,493	292.6	4.964
Southern OR	KLAMATH FALLS	TURKEY HILL	5L20	MALIN CITY	8,544	1,115,187	831	1,342.0	10.282
Southern OR	KLAMATH FALLS	TURKEY HILL	5L23	RURAL (TURKEY HILL)	1,167	51,574	325	158.7	3.591
Southern OR	KLAMATH FALLS	WEST SIDE	5L12	ORINDALE	5,309	487,694	813	599.9	6.530
Southern OR	KLAMATH FALLS	WEST SIDE	5L15	CALIFORNIA	1,454	37,495	1,327	28.3	1.096
Southern OR	KLAMATH FALLS	WEST SIDE	5L16	MAIN ST (WEST SIDE HE PLANT)	112	2,468	112	22.0	1.000
Southern OR	KLAMATH FALLS	WEST SIDE	5L17	PINE ST (WEST SIDE HE PLANT)	538	11,901	523	22.8	1.029
Southern OR	KLAMATH FALLS	WEST SIDE	5L18	RIVERSIDE (WEST SIDE HE PLANT)	615	15,844	592	26.8	1.039
Southern OR	KLAMATH FALLS	WEST SIDE	5L19	LAKESHORE	540	13,097	305	42.9	1.770
Southern OR	LAKEVIEW	MILE-HI	5L104	INDUSTRIAL	8,546	781,947	712	1,098.2	12.003
Southern OR	LAKEVIEW	MILE-HI	5L105	BUSINESS	3,484	186,218	1,734	107.4	2.009
Southern OR	MEDFORD	ASHLAND (MTN.AVE, PUD)	5R241	CITY	26	4,884	12	407.0	2.167
Southern OR	MEDFORD	ASHLAND (MTN.AVE, PUD)	5R245	VALLEY VIEW	6,976	341,598	968	352.9	7.207
Southern OR	MEDFORD	BEALL LANE	5R361	BULLDOG	2	397	1,736	0.2	0.001
Southern OR	MEDFORD	BEALL LANE	5R364	BOBCAT	436	57,417	2,147	26.7	0.203
Southern OR	MEDFORD	BELKNAP	5R1	KOGAP	82	19,322	989	19.5	0.083
Southern OR	MEDFORD	BELKNAP	5R2	RIVERSIDE (BELKNAP)	26	2,784	659	4.2	0.039
Southern OR	MEDFORD	BELKNAP	5R3	BARNETT	81	23,006	1,607	14.3	0.050
Southern OR	MEDFORD	BELKNAP	5R47	STEWART	2,464	90,092	2,284	39.4	1.079
Southern OR	MEDFORD	BROOKHURST	5R118	SPRINGBROOK	28	9,892	2,008	4.9	0.014

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Southern OR	MEDFORD	BROOKHURST	5R135	ROBERTS (BROOKHURST)	153	35,767	1,934	18.5	0.079
Southern OR	MEDFORD	BROOKHURST	5R32	ROXY	1,200	212,153	1,880	112.8	0.638
Southern OR	MEDFORD	BROOKHURST	5R33	CRATER LAKE	362	92,404	1,689	54.7	0.214
Southern OR	MEDFORD	BROOKHURST	5R75	SUNRISE (BROOKHURST)	14	1,748	1,261	1.4	0.011
Southern OR	MEDFORD	CAMPBELL	5R216	VOORHIES	845	34,349	846	40.6	0.999
Southern OR	MEDFORD	CAMPBELL	5R218	PHOENIX	997	47,343	1,056	44.8	0.944
Southern OR	MEDFORD	CAMPBELL	5R227	FERN VALLEY	8,241	476,232	1,354	351.7	6.086
Southern OR	MEDFORD	CAMPBELL	5R312	COBRA	5,634	464,488	1,558	298.1	3.616
Southern OR	MEDFORD	DODGE BRIDGE	4R1	SALMON	28,027	2,851,598	1,621	1,759.2	17.290
Southern OR	MEDFORD	DODGE BRIDGE	4R35	MEADOWS ROAD	13,516	1,756,874	1,398	1,256.7	9.668
Southern OR	MEDFORD	FOOTHILLS	5R38	HOSPITAL	12	4,016	807	5.0	0.015
Southern OR	MEDFORD	FOOTHILLS	5R39	PIERCE ROAD	339	54,145	1,163	46.6	0.291
Southern OR	MEDFORD	FRALEY	5R87	TABLE ROCK	3,889	337,971	517	653.7	7.522
Southern OR	MEDFORD	FRALEY	5R88	DODGE BRIDGE	1,348	121,055	253	478.5	5.328
Southern OR	MEDFORD	GOLD HILL	5R103	GOLD HILL	5,162	853,556	2,051	416.2	2.517
Southern OR	MEDFORD	GRIFFIN CREEK	5R204	HULL RD	9,264	681,611	2,736	249.1	3.386
Southern OR	MEDFORD	GRIFFIN CREEK	5R206	GRIFFIN CREEK	14,416	603,187	1,777	339.4	8.113
Southern OR	MEDFORD	HUMBUG CREEK	5R287	HUMMINGBIRD	6,961	710,709	688	1,033.0	10.118
Southern OR	MEDFORD	JACKSONVILLE	5R284	STAGE RD	6,942	507,584	2,096	242.2	3.312
Southern OR	MEDFORD	JACKSONVILLE	5R285	JACKSONVILLE HWY	5,905	379,913	2,235	170.0	2.642
Southern OR	MEDFORD	MEDFORD	5R21	MELROSE	259	42,846	1,540	27.8	0.168
Southern OR	MEDFORD	MEDFORD	5R23	SPRING ST.	563	91,954	1,585	58.0	0.355
Southern OR	MEDFORD	MEDFORD	5R250	BIG Y	157	28,484	1,845	15.4	0.085
Southern OR	MEDFORD	MEDFORD	5R253	APPLE	94	33,803	1,088	31.1	0.086
Southern OR	MEDFORD	MEDFORD	5R257	PEAR	2	443	776	0.6	0.003
Southern OR	MEDFORD	MEDFORD	5R659	MCLEAN	94	24,459	663	36.9	0.142
Southern OR	MEDFORD	OAK KNOLL	5R55	SISKIYOU	8,744	1,301,685	1,544	843.1	5.663
Southern OR	MEDFORD	OAK KNOLL	5R56	HIGHWAY 99	375	41,639	113	368.5	3.319
Southern OR	MEDFORD	PROSPECT CNTRL	5R40	CASCADE GORGE COTTAGES	1,394	325,438	327	995.2	4.263
Southern OR	MEDFORD	PROSPECT CNTRL	8R5	DAM & FOREBAY	2	163	2	81.4	1.000
Southern OR	MEDFORD	RED BLANKET	7R5	PROSPECT	5,309	1,714,907	395	4,341.5	13.441
Southern OR	MEDFORD	ROXY ANN	5R350	St. Bernard	7,156	637,851	1,356	470.4	5.277
Southern OR	MEDFORD	ROXY ANN	5R354	RACCOON	1,714	344,617	1,617	213.1	1.060
Southern OR	MEDFORD	RUCH	5R68	APPLEGATE	10,660	1,494,389	946	1,579.7	11.268
Southern OR	MEDFORD	RUCH	5R69	RUCH	3,657	708,245	539	1,314.0	6.785

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Southern OR	MEDFORD	SAGE ROAD (OR)	5R209	TIMBER PROD	1	76	1	75.7	1.000
Southern OR	MEDFORD	SAGE ROAD (OR)	5R211	COLUMBUS	2,905	273,915	1,766	155.1	1.645
Southern OR	MEDFORD	SAGE ROAD (OR)	5R226	BOISE	1,076	107,911	920	117.3	1.170
Southern OR	MEDFORD	SAGE ROAD (OR)	5R28	ROSS	2,219	13,200	2,148	6.1	1.033
Southern OR	MEDFORD	SAGE ROAD (OR)	5R29	EDWARDS	7	1,696	707	2.4	0.010
Southern OR	MEDFORD	SCENIC	5R174	UPTON	19,977	2,490,109	2,011	1,238.2	9.934
Southern OR	MEDFORD	SCENIC	5R180	HEAD RD	1,346	319,075	1,196	266.8	1.125
Southern OR	MEDFORD	SCENIC	5R182	TAYLOR RD	1,793	156,546	1,686	92.9	1.063
Southern OR	MEDFORD	SCENIC	5R184	CHENEY	2,156	195,501	1,911	102.3	1.128
Southern OR	MEDFORD	STEVENS ROAD	4R13	HENRY MILLER	5,702	110,310	2,479	44.5	2.300
Southern OR	MEDFORD	STEVENS ROAD	4R17	Stingray	5,732	83,515	2,637	31.7	2.174
Southern OR	MEDFORD	STEVENS ROAD	4R41	ANTELOPE	7,890	714,367	1,170	610.6	6.744
Southern OR	MEDFORD	TAKELMA	4R9	LOST CK. (TAKELMA)	14,386	2,059,761	2,671	771.2	5.386
Southern OR	MEDFORD	TALENT	5R237	TALENT	12,204	708,403	2,429	291.6	5.024
Southern OR	MEDFORD	TALENT	5R238	ANDERSON CRK	24,798	3,387,794	1,667	2,032.3	14.876
Southern OR	MEDFORD	TALENT	5R239	HARTLEY ROAD	8,018	200,392	1,548	129.5	5.180
Southern OR	MEDFORD	TALENT	5R240	NORTH HWY	1,272	83,801	1,033	81.1	1.231
Southern OR	MEDFORD	TOLO	5R90	TBL ROCK LBR	325	29,855	161	185.4	2.019
Southern OR	MEDFORD	TOLO	5R91	SAMS VALLEY	3,819	845,600	654	1,293.0	5.839
Southern OR	MEDFORD	TOLO	5R92	KIRTLAND RD	228	17,187	227	75.7	1.004
Southern OR	MEDFORD	VILAS ROAD	5R110	MCLAUGHLIN	319	24,454	958	25.5	0.333
Southern OR	MEDFORD	VILAS ROAD	5R146	KING CENTER	58	7,228	1,473	4.9	0.039
Southern OR	MEDFORD	VILAS ROAD	5R305	WEBFOOT	2	136	925	0.1	0.002
Southern OR	MEDFORD	WHITE CITY	5R11	EAGLE POINT	10,128	980,849	1,501	653.5	6.748
Southern OR	MEDFORD	WHITE CITY	5R12	INDUSTRIAL	52	10,644	36	295.7	1.444
Southern OR	MEDFORD	WHITE CITY	5R13	FIR-PLY	27	7,172	27	265.6	1.000
Southern OR	MEDFORD	WHITE CITY	5R14	AGATE	577	245,258	231	1,061.7	2.498
Southern OR	MEDFORD	WHITE CITY	5R19	3M	141	77,174	130	593.6	1.085
Southern OR	MEDFORD	WHITE CITY	5R66	4 CORNERS	4,542	1,507,901	2,006	751.7	2.264
Southern OR	MEDFORD	WHITE CITY	5R76	AVE C	88	23,497	85	276.4	1.035
Southern OR	ROSEBURG/MYRTLECREEK	CANYONVILLE	5U46	CANYONVILLE	21	4,441	396	11.2	0.053
Southern OR	ROSEBURG/MYRTLECREEK	CANYONVILLE	5U52	BEALS CREEK FEEDER	5,490	789,522	886	891.1	6.196
Southern OR	ROSEBURG/MYRTLECREEK	CARNES	5U44	RND PRARIE	614	39,772	437	91.0	1.405
Southern OR	ROSEBURG/MYRTLECREEK	CLEARWATER #2 SUB	6U33	CLEARWATER	100	95,114	97	980.6	1.031
Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U37	RUSA	1	60	2	30.0	0.500

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Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U38	HARVARD	13,530	776,748	3,001	258.8	4.508
Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U39	GOEDECK	10,459	598,747	1,296	462.0	8.070
Southern OR	ROSEBURG/MYRTLECREEK	GARDEN VALLEY	4U80	EDENBOWER	28	2,271	811	2.8	0.035
Southern OR	ROSEBURG/MYRTLECREEK	GARDEN VALLEY	4U81	VALLEY	14,409	1,870,191	1,431	1,306.9	10.069
Southern OR	ROSEBURG/MYRTLECREEK	GLIDE SUBSTATION	5U83	IDLEYLD	3,833	381,150	942	404.6	4.069
Southern OR	ROSEBURG/MYRTLECREEK	GLIDE SUBSTATION	5U84	LITTLE RIVER	22,848	2,675,028	1,392	1,921.7	16.414
Southern OR	ROSEBURG/MYRTLECREEK	GREEN SUBSTATION	5U32	SAFARI	5,012	148,673	2,309	64.4	2.171
Southern OR	ROSEBURG/MYRTLECREEK	GREEN SUBSTATION	5U33	SUNNYSLOPE	1,443	43,326	1,670	25.9	0.864
Southern OR	ROSEBURG/MYRTLECREEK	ILLAHEE FLATS	6U13	ILLAHEE FLATS SINGLE PHASE RECLOSER	60	18,122	28	647.2	2.143
Southern OR	ROSEBURG/MYRTLECREEK	LEMOLO # 1	5U920	DIAMOND LAKE	1,473	576,049	184	3,130.7	8.005
Southern OR	ROSEBURG/MYRTLECREEK	MYRTLE CREEK	5U76	SUPER Y	2,396	247,010	1,549	159.5	1.547
Southern OR	ROSEBURG/MYRTLECREEK	MYRTLE CREEK	5U77	BOOMER HILL	511	68,698	1,223	56.2	0.418
Southern OR	ROSEBURG/MYRTLECREEK	OAKLAND (OR)	5U11	UMPQUA	4,911	274,948	1,332	206.4	3.687
Southern OR	ROSEBURG/MYRTLECREEK	OAKLAND (OR)	5U12	STAGECOACH	1,732	123,290	555	222.1	3.121
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U1	TRI CITY	4,691	167,928	2,166	77.5	2.166
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U2	COW CREEK	4,201	775,970	1,583	490.2	2.654
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U3	HANNA	223	38,004	283	134.3	0.788
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE-VENEER	5U50	RFP-LVL (EWP)	36	7,429	30	247.6	1.200
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U10	DIAMOND	10,888	760,678	2,535	300.1	4.295
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U22	DIXON	1,987	158,870	1,526	104.1	1.302
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U5	DOUGLAS	1,537	140,428	2,170	64.7	0.708
Southern OR	ROSEBURG/MYRTLECREEK	SODA SPRINGS HE PLT	6U10	CB6U10	1	40,963	1	40,963.0	1.000
Southern OR	ROSEBURG/MYRTLECREEK	SOUTHGATE	4U30	SHADY POINT	1,437	296,784	1,637	181.3	0.878
Southern OR	ROSEBURG/MYRTLECREEK	SOUTHGATE	4U31	BOOTH	167	21,726	1,560	13.9	0.107
Southern OR	ROSEBURG/MYRTLECREEK	STEAMBOAT	6U18	STEAMBOAT	63	25,774	21	1,227.3	3.000
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U35	NON-PAREIL	1,398	46,636	1,316	35.4	1.062
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U36	DEADY	2,358	267,938	1,381	194.0	1.707
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U56	Industrial	564	12,682	548	23.1	1.029
Southern OR	ROSEBURG/MYRTLECREEK	TILLER	5U89	JACKSON CRK	883	1,032,115	304	3,395.1	2.905
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	4U18	WILBUR	2,149	81,619	1,670	48.9	1.287
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	5U15	NEWTON CREEK	47	12,563	1,823	6.9	0.026
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	5U17	FISHER	2,406	155,853	796	195.8	3.023
Southern OR	ROSEBURG/MYRTLECREEK	WINSTON	5U48	BROCKWAY	36	6,078	880	6.9	0.041
Southern OR	ROSEBURG/MYRTLECREEK	WINSTON	5U49	DILLARD	691	97,907	1,437	68.1	0.481
Willamette Valley	ALBANY	HAZELWOOD	4M335	WEST HIGH	212	27,915	856	32.6	0.248

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Oregon Regions	Op Area Name	Substation Name	Circuit Id	Circuit Name	Customers in Incident Sustained	Customer Minutes Lost	Circuit Customer Count	SAIDI	SAIFI
Willamette Valley	ALBANY	HAZELWOOD	4M336	RIVERVIEW (HAZELWOOD)	5,984	870,216	1,239	702.4	4.830
Willamette Valley	ALBANY	JEFFERSON (OR)	4M117	MARION	1,269	147,347	729	202.1	1.741
Willamette Valley	ALBANY	JEFFERSON (OR)	4M125	MINT	1,784	229,236	3,021	75.9	0.591
Willamette Valley	ALBANY	MURDER CREEK	4M243	SCRAVEL HILL	386	72,668	3,740	19.4	0.103
Willamette Valley	ALBANY	MURDER CREEK	4M245	RURAL NW	1,751	153,675	2,611	58.9	0.671
Willamette Valley	ALBANY	MURDER CREEK	4M249	DURA-PACIFIC	2,768	383,384	1,349	284.2	2.052
Willamette Valley	ALBANY	OREMET	4M296	ROGERSDALE	132	27,430	2,163	12.7	0.061
Willamette Valley	ALBANY	QUEEN AVE	4M217	SANTIAM	5,755	483,324	1,905	253.7	3.021
Willamette Valley	ALBANY	QUEEN AVE	4M258	HILL STREET	4,377	461,689	2,922	158.0	1.498
Willamette Valley	ALBANY	QUEEN AVE	4M261	WAVERLY	2,610	294,678	3,683	80.0	0.709
Willamette Valley	ALBANY	QUEEN AVE	4M262	GEARY STREET	4,575	486,668	2,734	178.0	1.673
Willamette Valley	ALBANY	VINE STREET	4M15	FERRY	61	21,279	2,215	9.6	0.028
Willamette Valley	ALBANY	VINE STREET	4M16	WATER STREET	2,014	363,030	4,489	80.9	0.449
Willamette Valley	CORVALLIS	BUCHANAN	4M130	HEWLETT PACKARD	119	35,722	2,935	12.2	0.041
Willamette Valley	CORVALLIS	BUCHANAN	4M133	PEORIA	2,324	503,207	2,417	208.2	0.962
Willamette Valley	CORVALLIS	BUCHANAN	4M134	N. NINTH ST.	1,333	151,801	2,564	59.2	0.520
Willamette Valley	CORVALLIS	CIRCLE BLVD	4M429	H. P. #5	1	679	1	679.2	1.000
Willamette Valley	CORVALLIS	DIXON	7M26	FOURTH ST.	13	1,145	223	5.1	0.058
Willamette Valley	CORVALLIS	GRANT ST	4M265	HIGH SCHOOL	187	37,074	2,450	15.1	0.076
Willamette Valley	CORVALLIS	GRANT ST	4M266	CHINTIMINI	202	21,916	2,442	9.0	0.083
Willamette Valley	CORVALLIS	GRANT ST	4M268	KINGS ROAD	1,751	155,843	2,482	62.8	0.705
Willamette Valley	CORVALLIS	GRANT ST	4M269	29TH STREET	1,009	199,501	3,619	55.1	0.279
Willamette Valley	CORVALLIS	HILLVIEW	4M180	WEST HILLS	89	11,293	1,898	6.0	0.047
Willamette Valley	CORVALLIS	HILLVIEW	4M181	PHILOMATH	20	4,721	1,300	3.6	0.015
Willamette Valley	CORVALLIS	HILLVIEW	4M182	SUNSET	455	76,002	1,750	43.4	0.260
Willamette Valley	CORVALLIS	HILLVIEW	4M185	PLYMOUTH	9,811	535,660	2,218	241.5	4.423
Willamette Valley	CORVALLIS	MARYS RIVER	4M151	GREENBERRY	4,379	152,418	3,570	42.7	1.227
Willamette Valley	CORVALLIS	MARYS RIVER	4M152	AVERY	1	234	183	1.3	0.005
Willamette Valley	CORVALLIS	MARYS RIVER	4M153	GALLAGHER	1	193	152	1.3	0.007
Willamette Valley	COTTAGE GROVE/J.CITY	COBURG	4M220	DETERING	1,028	248,361	628	395.5	1.637
Willamette Valley	COTTAGE GROVE/J.CITY	GOSHEN (OR)	4M360	GOSHEN FDR	3,379	153,588	1,659	92.6	2.037
Willamette Valley	COTTAGE GROVE/J.CITY	HARRISBURG SUB	4M400	TERRITORIAL	131	15,808	1,872	8.4	0.070
Willamette Valley	COTTAGE GROVE/J.CITY	JUNCTION CITY	4M102	6TH STREET	1,435	323,378	1,172	275.9	1.224
Willamette Valley	COTTAGE GROVE/J.CITY	JUNCTION CITY	4M99	PRAIRIE ROAD	1,407	97,934	1,007	97.3	1.397
Willamette Valley	COTTAGE GROVE/J.CITY	LANCASTER	4M209	MONROE	1,646	374,025	1,149	325.5	1.433

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Willamette Valley	COTTAGE GROVE/J.CITY	VILLAGE GREEN	4M84	NORTH SIDE	727	94,170	2,441	38.6	0.298
Willamette Valley	COTTAGE GROVE/J.CITY	VILLAGE GREEN	4M86	MADISON	2,202	181,888	1,706	106.6	1.291
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M100	RURAL (DALLAS)	1,991	392,673	2,259	173.8	0.881
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M201	INDUSTRIAL	1,174	174,906	3,235	54.1	0.363
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M202	ELLENDALE	6,183	745,743	3,127	238.5	1.977
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M238	DALLAS	2,842	288,265	2,397	120.3	1.186
Willamette Valley	DALLAS/INDEPENDENCE	INDEPENDENCE	4M22	RICKREAL	3,423	1,082,445	3,187	339.6	1.074
Willamette Valley	DALLAS/INDEPENDENCE	INDEPENDENCE	4M25	BUENA VISTA	1,393	267,177	2,389	111.8	0.583
Willamette Valley	LEBANON	BROWNSVILLE	4M17	CALAPOOIA	266	41,870	1,701	24.6	0.156
Willamette Valley	LEBANON	CALAPOOYA	4M850	SPAULDING	6,970	630,979	1,207	522.8	5.775
Willamette Valley	LEBANON	CALAPOOYA	4M851	BEAR	2	99	31	3.2	0.065
Willamette Valley	LEBANON	CROWFOOT	4M204	CROWFOOT	1,121	202,098	1,512	133.7	0.741
Willamette Valley	LEBANON	CROWFOOT	4M206	US PLYWOOD (LEBANON)	384	37,953	2,230	17.0	0.172
Willamette Valley	LEBANON	LEBANON	4M61	TANGENT	294	100,083	2,624	38.1	0.112
Willamette Valley	LEBANON	LEBANON	4M62	RALSTON	1,709	222,247	2,025	109.8	0.844
Willamette Valley	LEBANON	LEBANON	4M63	TENNESSEE	3,724	750,418	1,803	416.2	2.065
Willamette Valley	LEBANON	LEBANON	4M79	CROWN Z	1,310	159,339	1,268	125.7	1.033
Willamette Valley	LEBANON	SWEET HOME	4M37	HOLLEY	4,632	371,472	2,034	182.6	2.277
Willamette Valley	LEBANON	SWEET HOME	4M38	NARROWS	2,848	517,162	999	517.7	2.851
Willamette Valley	LEBANON	SWEET HOME	4M93	AMES CREEK	6,073	477,258	1,752	272.4	3.466
Willamette Valley	LEBANON	SWEET HOME	4M94	FOSTER	6,794	567,325	2,497	227.2	2.721
Willamette Valley	STAYTON	LYONS	4M120	MILL CITY	1,617	226,622	708	320.1	2.284
Willamette Valley	STAYTON	LYONS	4M70	MEHAMA	21,224	2,665,352	2,146	1,242.0	9.890
Willamette Valley	STAYTON	SCIO	5M126	THOMAS	1,344	196,824	1,586	124.1	0.847
Willamette Valley	STAYTON	STAYTON	4M19	AUMSVILLE	448	57,038	3,529	16.2	0.127
Willamette Valley	STAYTON	STAYTON	4M353	WEST STAYTON	630	118,985	3,559	33.4	0.177
Willamette Valley	STAYTON	STAYTON	4M370	CASCADE	3,534	428,078	1,577	271.5	2.241
Willamette Valley	STAYTON	STAYTON	4M50	3RD STREET	76	15,207	924	16.5	0.082

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Central OR	BEND/REDMOND	BEND	5D10	PORTLAND AVE	2,297	203,853	2,251	90.6	1.020
Central OR	BEND/REDMOND	BEND	5D11	GLEN VISTA	1,425	132,714	1,376	96.4	1.036
Central OR	BEND/REDMOND	BEND	5D12	DIVISION ST.	4	578	214	2.7	0.019
Central OR	BEND/REDMOND	BEND	5D196	MALLARD	1,950	176,104	1,672	105.3	1.166
Central OR	BEND/REDMOND	BOND STREET	5D411	BACHELOR	3,283	152,099	2,402	63.3	1.367
Central OR	BEND/REDMOND	BOND STREET	5D418	BLAKELY	63	9,287	1,403	6.6	0.045
Central OR	BEND/REDMOND	CHINA HAT	5D140	LAVA (CHINA HAT)	3,271	212,623	2,610	81.5	1.253
Central OR	BEND/REDMOND	CHINA HAT	5D142	HIGH DESERT	8,066	708,806	1,741	407.1	4.633
Central OR	BEND/REDMOND	CHINA HAT	5D144	D.R.W.	6,519	97,608	2,546	38.3	2.560
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D30	ARROWHEAD	2,823	264,159	1,278	206.7	2.209
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D35	WICKIUP	1,305	41,425	1,084	38.2	1.204
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D38	TOMAHAWK	7,174	597,035	1,542	387.2	4.652
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D94	TEEPEE	3,046	32,458	3,405	9.5	0.895
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D96	OBSIDIAN	3,793	354,138	1,972	179.6	1.923
Central OR	BEND/REDMOND	CLEVELAND AVE.	5D98	HUCKLEBERRY	2,456	173,644	1,212	143.3	2.026
Central OR	BEND/REDMOND	CROOKED RIVER RANCH	4D131	CANYON	6,282	1,253,024	1,864	672.2	3.370
Central OR	BEND/REDMOND	CROOKED RIVER RANCH	4D30	CROOKED R.R.	4,189	605,943	831	729.2	5.041
Central OR	BEND/REDMOND	DESCHUTES	5D184	PRONGHORN	3,515	480,227	1,155	415.8	3.043
Central OR	BEND/REDMOND	DESCHUTES	5D2	DESCHUTES S	1,459	270,145	1,054	256.3	1.384
Central OR	BEND/REDMOND	HUNTERS CIRCLE	5D192	Mackinaw	1,786	726,582	1,502	483.7	1.189
Central OR	BEND/REDMOND	OVERPASS	5D104	AWBREY	2,375	165,008	1,922	85.9	1.236
Central OR	BEND/REDMOND	OVERPASS	5D106	NEZ PERCE	3,226	250,589	2,812	89.1	1.147
Central OR	BEND/REDMOND	OVERPASS	5D120	CHINOOK	1,933	129,371	1,949	66.4	0.992
Central OR	BEND/REDMOND	OVERPASS	5D128	PAIUTE	1,621	118,768	1,489	79.8	1.089
Central OR	BEND/REDMOND	OVERPASS	5D155	APACHE	2,135	314,961	1,064	296.0	2.007
Central OR	BEND/REDMOND	PILOT BUTTE	5D261	KLONDIKE	549	114,746	1,752	65.5	0.313
Central OR	BEND/REDMOND	PILOT BUTTE	5D263	DRAKE FEEDER	86	15,093	1,897	8.0	0.045
Central OR	BEND/REDMOND	PILOT BUTTE	5D265	DOBBIN	2,767	674,325	2,426	278.0	1.141
Central OR	BEND/REDMOND	REDMOND	5D21	SOUTH (REDMOND)	1,103	42,917	1,087	39.5	1.015
Central OR	BEND/REDMOND	REDMOND	5D22	INDUSTRIAL	8,862	1,103,630	1,614	683.8	5.491
Central OR	BEND/REDMOND	REDMOND	5D223	TETHEROW	1,478	103,224	931	110.9	1.588
Central OR	BEND/REDMOND	REDMOND	5D226	CLINE FALLS	4,658	446,246	2,095	213.0	2.223
Central OR	BEND/REDMOND	REDMOND	5D227	WINDSOR	3,089	342,879	2,934	116.9	1.053
Central OR	BEND/REDMOND	REDMOND	5D228	CITY	1,351	105,319	1,322	79.7	1.022
Central OR	BEND/REDMOND	REDMOND	5D229	JUNIPER	346	53,761	468	114.9	0.739
Central OR	BEND/REDMOND	SHEVLIN PARK	5D238	WOLVERINE (SHP) (WAS 5D327)	297	62,954	1,869	33.7	0.159
Central OR	BEND/REDMOND	SHEVLIN PARK	5D241	BADGER (SHP)	31	5,392	2,808	1.9	0.011
Central OR	BEND/REDMOND	SHEVLIN PARK	5D432	SKUNK	72	3,796	2,271	1.7	0.032

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Central OR	BEND/REDMOND	SHEVLIN PARK	5D434	RACOON	103	20,923	1,350	15.5	0.076
Central OR	BEND/REDMOND	YEW AVENUE	5D322	BIRDIE	485	52,461	2,606	20.1	0.186
Central OR	BEND/REDMOND	YEW AVENUE	5D323	FAIRWAY	883	28,065	399	70.3	2.213
Central OR	BEND/REDMOND	YEW AVENUE	5D325	EAGLE	102	20,478	3,024	6.8	0.034
Central OR	MADRAS	CHERRY LANE	5D295	7 PEAKS	163	156,874	157	999.2	1.038
Central OR	MADRAS	CULVER	5D5	CULVER	14,972	1,557,802	1,884	826.9	7.947
Central OR	MADRAS	MADRAS	5D52	MADRAS RURAL	11,630	2,207,698	1,086	2,032.9	10.709
Central OR	MADRAS	MADRAS	5D53	AGATE	1,579	50,323	1,478	34.0	1.068
Central OR	MADRAS	MADRAS	5D57	QUARTZ	108	27,012	1,593	17.0	0.068
Central OR	MADRAS	MADRAS	5D61	MADRAS CITY	303	44,664	1,290	34.6	0.235
Central OR	MADRAS	POWELL BUTTE	5D1	POWELL BUTTE	7,759	997,577	692	1,441.6	11.212
Central OR	MADRAS	PRINEVILLE	5D126	RIMROCK	899	76,774	893	86.0	1.007
Central OR	MADRAS	PRINEVILLE	5D167	NORTHVILLE	3,625	852,886	2,897	294.4	1.251
Central OR	MADRAS	PRINEVILLE	5D25	OCHOCO	1,065	131,272	1,056	124.3	1.009
Central OR	MADRAS	PRINEVILLE	5D47	MC KAY (PRINEVILLE)	118	14,186	1,181	12.0	0.100
Central OR	MADRAS	PRINEVILLE	5D48	LAMONTA	139	16,874	657	25.7	0.212
Central OR	MADRAS	PRINEVILLE	5D50	PINE CONE	1,880	99,369	912	109.0	2.061
Central OR	MADRAS	PRINEVILLE	5D69	GRIMES FLAT	1	19	1,708	0.0	0.001
Central OR	MADRAS	WARM SPRINGS	4D68	WARM SPRINGS (OR)	3,154	463,736	971	477.6	3.248
CoastPlus	CLATSOP (ASTORIA)	CANNON BEACH	5A10	HAYSTACK	5,399	3,924,272	1,642	2,389.9	3.288
CoastPlus	CLATSOP (ASTORIA)	CANNON BEACH	5A8	ECOLA	4,604	3,044,430	1,229	2,477.2	3.746
CoastPlus	CLATSOP (ASTORIA)	FERN HILL SUB	5A51	JOHN DAY	1,626	299,190	273	1,095.9	5.956
CoastPlus	CLATSOP (ASTORIA)	FERN HILL SUB	5A52	SCANDINAVIAN	78	22,480	382	58.8	0.204
CoastPlus	CLATSOP (ASTORIA)	KNAPPA SVENSEN	5A92	SVENSEN	2,684	538,969	736	732.3	3.647
CoastPlus	CLATSOP (ASTORIA)	KNAPPA SVENSEN	5A93	BRADWOOD	5,592	856,750	944	907.6	5.924
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A80	GROVE	13,329	3,600,253	2,381	1,512.1	5.598
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A81	CENTRAL	6,998	2,500,870	1,615	1,548.5	4.333
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A82	NECANICUM	4,177	1,281,538	1,272	1,007.5	3.284
CoastPlus	CLATSOP (ASTORIA)	SEASIDE	5A83	GEARHART	19,530	4,913,386	3,568	1,377.1	5.474
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A15	CITY	775	361,110	314	1,150.0	2.468
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A16	MILL (WARRENTON)	8,540	3,577,176	2,290	1,562.1	3.729
CoastPlus	CLATSOP (ASTORIA)	WARRENTON	5A20	SOUTH (WARRENTON)	8,016	2,836,888	1,815	1,563.0	4.417
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A202	PORT DOCK	705	108,979	1,187	91.8	0.594
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A204	MOO COW	440	103,900	1,222	85.0	0.360
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A206	YOUNGS BAY #6	17	1,643	335	4.9	0.051
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A210	YOUNGS BAY #10	56	6,187	948	6.5	0.059
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A211	OLNEY	1,175	193,333	1,104	175.1	1.064
CoastPlus	CLATSOP (ASTORIA)	YOUNGS BAY	5A213	INDUSTRIAL	121	18,421	1,405	13.1	0.086

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CoastPlus	COOS BAY/COQUILLE	BANDON TIE (BPA)	L804	BANDON	5,241	1,372,653	775	1,771.2	6.763
CoastPlus	COOS BAY/COQUILLE	COOS RIVER	4C106	COOS RIVER	15,472	2,777,038	1,373	2,022.6	11.269
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C41	HENRY STREET	5,414	393,208	1,677	234.5	3.228
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C42	TERRES HGHTS	9,957	918,221	1,543	595.1	6.453
CoastPlus	COOS BAY/COQUILLE	COQUILLE	4C43	INDUSTRIAL	480	27,104	160	169.4	3.000
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C108	EMPIRE	2,324	78,610	1,751	44.9	1.327
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C89	SCOTT	1,602	38,598	1,447	26.7	1.107
CoastPlus	COOS BAY/COQUILLE	EMPIRE	4C90	CHARLESTON	3,497	310,380	2,125	146.1	1.646
CoastPlus	COOS BAY/COQUILLE	JORDAN POINT	5C11	WEYCO#2	1	42	1	42.3	1.000
CoastPlus	COOS BAY/COQUILLE	JORDAN POINT	5C6	SAND DUNES (JORDAN POINT)	36	1,523	35	43.5	1.029
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C48	CITY CENTER	6,122	1,715,341	1,484	1,155.9	4.125
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C49	EASTSIDE	1,576	334,065	772	432.7	2.041
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C5	GEORGIA-PAC	194	113,433	94	1,206.7	2.064
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C50	BUNKERHILL	11,995	3,614,110	1,848	1,955.7	6.491
CoastPlus	COOS BAY/COQUILLE	LOCKHART	4C97	ENGLEWOOD	3,609	1,787,592	1,392	1,284.2	2.593
CoastPlus	COOS BAY/COQUILLE	MYRTLE POINT	4C36	NORTH (MYRTLE POINT)	2,792	286,168	339	844.2	8.236
CoastPlus	COOS BAY/COQUILLE	MYRTLE POINT	4C37	MAPLE STREET	10,371	1,736,941	2,093	829.9	4.955
CoastPlus	COOS BAY/COQUILLE	SOUTH DUNES	5C9	DOUGLAS CHIP	3	127	3	42.3	1.000
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C112	WOODLAND	4,582	356,904	1,814	196.7	2.526
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C66	BAYSHORE	5,150	291,038	1,728	168.4	2.980
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C67	INDUSTRIAL	8,244	548,194	2,209	248.2	3.732
CoastPlus	COOS BAY/COQUILLE	STATE STREET	4C86	BANGOR	5,922	699,772	1,796	389.6	3.297
CoastPlus	HOOD RIVER	GORDON HOLLOW	4K1	SHERMAN 208	2,240	256,938	721	356.4	3.107
CoastPlus	HOOD RIVER	HOOD RIVER	5K37	RESIDENTIAL	2,302	339,852	2,115	160.7	1.088
CoastPlus	HOOD RIVER	HOOD RIVER	5K43	BELMONT	3,029	473,843	1,295	365.9	2.339
CoastPlus	HOOD RIVER	HOOD RIVER	5K44	NORTH (HOOD RIVER)	2,785	371,352	2,031	182.8	1.371
CoastPlus	HOOD RIVER	HOOD RIVER	5K70	EASTSIDE	2,735	2,655,367	1,021	2,600.8	2.679
CoastPlus	HOOD RIVER	HOOD RIVER	5K74	SOUTH (HOOD RIVER)	3,544	386,600	1,464	264.1	2.421
CoastPlus	HOOD RIVER	KENWOOD	5K50	OAKGROVE	4,905	882,334	794	1,111.3	6.178
CoastPlus	HOOD RIVER	WASCO	7K1	WASCO	582	51,959	287	181.0	2.028
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A310	INLAND FEEDER	4,232	413,521	2,301	179.7	1.839
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A312	OCEAN	11,374	2,331,539	3,128	745.4	3.636
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A316	LAKE (DEVILS LAKE)	25,357	5,638,395	4,626	1,218.8	5.481
CoastPlus	LINCOLN CITY	DEVILS LAKE	4A338	SIUSLAW	3,212	458,641	668	686.6	4.808
CoastPlus	LINCOLN CITY	GLENEDEN	7A364	GLENEDEN	3,142	392,967	716	548.8	4.388
CoastPlus	LINCOLN CITY	GLENEDEN	7A366	SALISHAN	2,678	312,454	363	860.8	7.377
CoastPlus	LINCOLN CITY	PGE GRAND RONDE	R114	BOYER	18	4,150	19	218.4	0.947
CoastPlus	LINCOLN CITY	WECOMA BEACH	7A354	WECOMA	837	89,164	726	122.8	1.153

Oregon 2024 Circuit Metrics (Including major events)

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CoastPlus	PORTLAND	ALBINA	5P150	ALBINA 11C15	5	3,060	134	22.8	0.037
CoastPlus	PORTLAND	COLUMBIA (OR)	5P266	COLUMBIA #2	2,693	94,633	2,621	36.1	1.027
CoastPlus	PORTLAND	COLUMBIA (OR)	5P268	COLUMBIA #1	885	55,242	352	156.9	2.514
CoastPlus	PORTLAND	COLUMBIA (OR)	5P474	COLUMBIA #6	560	19,918	535	37.2	1.047
CoastPlus	PORTLAND	COLUMBIA (OR)	5P476	COLUMBIA #3	1,633	188,650	834	226.2	1.958
CoastPlus	PORTLAND	COLUMBIA (OR)	5P478	COLUMBIA #4	2,186	244,773	1,132	216.2	1.931
CoastPlus	PORTLAND	CULLY	5P288	CULLY #3-UG	864	45,136	744	60.7	1.161
CoastPlus	PORTLAND	CULLY	5P290	CULLY #2	145	169,666	1,024	165.7	0.142
CoastPlus	PORTLAND	CULLY	5P292	CULLY #1	385	178,076	2,899	61.4	0.133
CoastPlus	PORTLAND	HOLLADAY (OR)	5P146	HOLLADAY #2-UG	295	86,946	307	283.2	0.961
CoastPlus	PORTLAND	HOLLADAY (OR)	5P156	HOLLADAY #4-UG	3	518	723	0.7	0.004
CoastPlus	PORTLAND	HOLLADAY (OR)	5P158	HOLLADAY #6	1,866	78,927	896	88.1	2.083
CoastPlus	PORTLAND	HOLLYWOOD	5P203	HOLLYWOOD #3	38	22,646	1,512	15.0	0.025
CoastPlus	PORTLAND	HOLLYWOOD	5P204	HOLLYWOOD #2	14	3,235	647	5.0	0.022
CoastPlus	PORTLAND	HOLLYWOOD	5P205	HOLLYWOOD #1	2,697	2,651,127	2,336	1,134.9	1.155
CoastPlus	PORTLAND	HOLLYWOOD	5P208	HOLLYWOOD #5	6,963	1,444,659	3,423	422.0	2.034
CoastPlus	PORTLAND	HOLLYWOOD	5P209	HOLLYWOOD #4	3,085	1,606,222	2,343	685.5	1.317
CoastPlus	PORTLAND	KENNEDY	5P12	CB 5P12	1,530	46,083	1,169	39.4	1.309
CoastPlus	PORTLAND	KENNEDY	5P14	CB 5P14	2,226	88,374	1,995	44.3	1.116
CoastPlus	PORTLAND	KENNEDY	5P15	CB 5P15	1,709	78,583	1,544	50.9	1.107
CoastPlus	PORTLAND	KILLINGSWORTH	5P123	KILLINGSWORTH #3	480	16,432	457	36.0	1.050
CoastPlus	PORTLAND	KILLINGSWORTH	5P217	KILLINGSWORTH #5	425	5,090	294	17.3	1.446
CoastPlus	PORTLAND	KILLINGSWORTH	5P41	KILLINGSWORTH #4	1,250	40,665	959	42.4	1.303
CoastPlus	PORTLAND	KILLINGSWORTH	5P88	KILLINGSWORTH #1-UG	2	18	1	18.0	2.000
CoastPlus	PORTLAND	KILLINGSWORTH	5P89	KILLINGSWORTH #2	1,942	77,636	1,766	44.0	1.100
CoastPlus	PORTLAND	KNOTT	5P231	KNOTT #1	17	984	3,457	0.3	0.005
CoastPlus	PORTLAND	KNOTT	5P232	KNOTT #2	1,739	446,689	2,571	173.7	0.676
CoastPlus	PORTLAND	KNOTT	5P233	KNOTT #3	2,410	126,751	2,387	53.1	1.010
CoastPlus	PORTLAND	KNOTT	5P374	11020	75	18,689	1,009	18.5	0.074
CoastPlus	PORTLAND	LINCOLN (OR)	5P422	11D06-UG	1	10	932	0.0	0.001
CoastPlus	PORTLAND	MALLORY	5P162	MALLORY #1	2,373	65,895	2,354	28.0	1.008
CoastPlus	PORTLAND	MALLORY	5P164	MALLORY #2	3,719	213,297	3,336	63.9	1.115
CoastPlus	PORTLAND	PARKROSE	5P244	PARKROSE#4	6,657	2,611,828	3,091	845.0	2.154
CoastPlus	PORTLAND	PARKROSE	5P246	PARKROSE#3	3,851	1,486,139	3,070	484.1	1.254
CoastPlus	PORTLAND	PARKROSE	5P250	PARKROSE#2	1,583	487,318	638	763.8	2.481
CoastPlus	PORTLAND	PARKROSE	5P252	PARKROSE#1	6,009	910,845	1,756	518.7	3.422
CoastPlus	PORTLAND	PARKROSE	5P717	PARKROSE 5	154	10,475	142	73.8	1.085
CoastPlus	PORTLAND	RUSSELLVILLE	5P274	RUSSELLVILLE #3	11,841	4,286,679	3,064	1,399.0	3.865

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CoastPlus	PORTLAND	RUSSELLVILLE	5P276	RUSSELLVILLE #4	6,316	1,233,493	2,501	493.2	2.525
CoastPlus	PORTLAND	RUSSELLVILLE	5P278	RUSSELLVILLE #1	10,485	2,754,395	3,282	839.2	3.195
CoastPlus	PORTLAND	RUSSELLVILLE	5P280	RUSSELLVILLE #2	3,094	492,906	1,321	373.1	2.342
CoastPlus	PORTLAND	VERNON	5P391	VERNON #1	4,426	291,452	1,994	146.2	2.220
CoastPlus	PORTLAND	VERNON	5P392	VERNON NO. 2	2,630	84,186	2,557	32.9	1.029
CoastPlus	PORTLAND	VERNON	5P393	VERNON #3	7,265	452,900	3,405	133.0	2.134
CoastPlus	PORTLAND	VERNON	5P394	VERNON # 4	7,602	982,848	3,550	276.9	2.141
CoastPlus	PORTLAND	VERNON	5P395	VERNON # 5	4,615	273,984	2,271	120.6	2.032
Northeast OR	ENTERPRISE	ENTERPRISE (OR)	4W8	CREIGHTON LN	20,859	1,447,648	1,562	926.8	13.354
Northeast OR	ENTERPRISE	ENTERPRISE (OR)	5W15	CITY	3,048	185,675	966	192.2	3.155
Northeast OR	ENTERPRISE	ENTERPRISE (OR)	5W26	RURAL (ENTERPRISE)	7,896	563,789	1,157	487.3	6.825
Northeast OR	ENTERPRISE	JOSEPH	5W21	PRAIRIE	17,370	1,397,639	886	1,577.5	19.605
Northeast OR	ENTERPRISE	MINAM	5W18	MINAM	89	8,314	13	639.5	6.846
Northeast OR	ENTERPRISE	PALLETTE	4W14	PALLETTE NORTH	1,374	619,667	175	3,541.0	7.851
Northeast OR	ENTERPRISE	PALLETTE	4W15	PALLETTE SOUTH	126	17,886	62	288.5	2.032
Northeast OR	ENTERPRISE	WALLOWA	5W28	CITY	4,042	189,551	911	208.1	4.437
Northeast OR	HERMISTON	ARLINGTON	5K25	ARLINGTON	2,132	470,151	532	883.7	4.008
Northeast OR	HERMISTON	BLALOCK	5K40	BLALOCK	45	22,870	22	1,039.6	2.045
Northeast OR	HERMISTON	DALREED	4K16	WILLOW COVE	284	86,468	70	1,235.3	4.057
Northeast OR	HERMISTON	DALREED	4K36	SIMTAG	28	4,228	20	211.4	1.400
Northeast OR	HERMISTON	DALREED	4K46	BOEING	1,763	304,571	178	1,711.1	9.904
Northeast OR	HERMISTON	HERMISTON	5W602	RURAL (HERMISTON)	14,037	996,859	1,498	665.5	9.370
Northeast OR	HERMISTON	HINKLE	5W82	MEADOWS	514	54,490	380	143.4	1.353
Northeast OR	HERMISTON	UMATILLA	5W658	UMATILLA	1,675	93,867	1,581	59.4	1.059
Northeast OR	HERMISTON	UMATILLA	5W660	MCNARY	1,196	83,280	966	86.2	1.238
Northeast OR	HERMISTON	UMATILLA	5W664	PORT FEEDER	60	2,739	60	45.7	1.000
Northeast OR	PENDLETON	ATHENA	5W703	CITY	4,049	369,132	854	432.2	4.741
Northeast OR	PENDLETON	ATHENA	5W705	HELIX	1,435	95,721	425	225.2	3.376
Northeast OR	PENDLETON	BUCKAROO	5W201	STATE HOSP.	1,324	140,799	622	226.4	2.129
Northeast OR	PENDLETON	BUCKAROO	5W202	REITH	1,317	133,658	718	186.2	1.834
Northeast OR	PENDLETON	BUCKAROO	5W203	MONTEE	201	21,937	1,188	18.5	0.169
Northeast OR	PENDLETON	MCKAY (OR)	5W856	MCKAY	16,075	1,782,950	1,831	973.8	8.779
Northeast OR	PENDLETON	MCKAY (OR)	5W857	WILDHORSE	196	26,599	182	146.1	1.077
Northeast OR	PENDLETON	PENDLETON	5W401	WEST HILLS	287	41,301	1,495	27.6	0.192
Northeast OR	PENDLETON	PENDLETON	5W402	HARRIS HTS	487	43,290	2,067	20.9	0.236
Northeast OR	PENDLETON	PENDLETON	5W403	MISSION	5,278	439,576	912	482.0	5.787
Northeast OR	PENDLETON	PENDLETON	7W452	NORTHWEST	2	332	530	0.6	0.004
Northeast OR	PENDLETON	PENDLETON	7W453	SOUTHWEST (PENDELTON)	2	335	329	1.0	0.006

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Northeast OR	PENDLETON	PENDLETON	7W454	EAST END	6	1,299	240	5.4	0.025
Northeast OR	PENDLETON	PILOT ROCK	5W404	MILL (PILOT ROCK)	10	1,266	2	633.2	5.000
Northeast OR	PENDLETON	PILOT ROCK	5W406	PILOT ROCK CITY	12,891	1,545,498	1,337	1,155.9	9.642
Northeast OR	PENDLETON	WESTON NEW (OR)	5W40	WESTON CANNERY	45	1,169	15	78.0	3.000
Northeast OR	PENDLETON	WESTON NEW (OR)	5W7	SCOTTS FEEDER	4,539	327,317	458	714.7	9.910
Northeast OR	WALLA WALLA	UMAPINE	5W105	UMAPINE FEEDER	1,627	150,557	965	156.0	1.686
Northeast OR	WALLA WALLA	UMAPINE	5W106	FERNDALE	1,825	138,694	1,368	101.4	1.334
Southern OR	GRANTS PASS	AGNESS AVE	5R172	SPALDING MILL	5,350	1,513,892	875	1,730.2	6.114
Southern OR	GRANTS PASS	AGNESS AVE	5R173	JONES CREEK	4,618	467,702	878	532.7	5.260
Southern OR	GRANTS PASS	AGNESS AVE	5R322	ANTEATER	1,062	122,156	1,003	121.8	1.059
Southern OR	GRANTS PASS	APPLEGATE	5R267	MURPHY	7,258	1,591,235	1,076	1,478.8	6.745
Southern OR	GRANTS PASS	APPLEGATE	5R278	HIGHWAY	6,648	813,182	1,339	607.3	4.965
Southern OR	GRANTS PASS	BEACON	5R104	SAVAGE ST	8,930	711,573	1,268	561.2	7.043
Southern OR	GRANTS PASS	BEACON	5R105	BEACON ST	5,949	523,487	831	629.9	7.159
Southern OR	GRANTS PASS	CAVE JUNCTION	5R52	FREE& EASY	18,698	5,621,041	2,469	2,276.6	7.573
Southern OR	GRANTS PASS	CAVE JUNCTION	5R53	ROUGH &READY	5,732	856,173	1,512	566.3	3.791
Southern OR	GRANTS PASS	CAVEMAN	5R295	QUAIL	40	4,199	1,095	3.8	0.037
Southern OR	GRANTS PASS	CAVEMAN	5R82	WASHINGTON	4,982	248,479	1,205	206.2	4.134
Southern OR	GRANTS PASS	CAVEMAN	5R98	MANZANITA	1,354	155,475	581	267.6	2.330
Southern OR	GRANTS PASS	CAVEMAN	5R99	CAVEMAN	2,445	243,234	1,233	197.3	1.983
Southern OR	GRANTS PASS	DOWELL	5R331	DOVE	4,619	392,435	1,484	264.4	3.113
Southern OR	GRANTS PASS	DOWELL	5R334	DUCK	4,026	422,403	2,680	157.6	1.502
Southern OR	GRANTS PASS	EASY VALLEY	5R123	G STREET	4,600	365,995	2,228	164.3	2.065
Southern OR	GRANTS PASS	EASY VALLEY	5R125	ROGUE	8,144	456,014	1,825	249.9	4.462
Southern OR	GRANTS PASS	EASY VALLEY	5R259	CHINOOK	6,704	785,653	1,344	584.6	4.988
Southern OR	GRANTS PASS	FIELDER CREEK	4R33	ELK FDR.	21,765	2,242,917	1,864	1,203.3	11.677
Southern OR	GRANTS PASS	FIELDER CREEK	4R34	BEAR FDR	5,088	1,310,139	875	1,497.3	5.815
Southern OR	GRANTS PASS	GLENDALE SUBSTATION	5R133	GLENDALE	7,478	1,076,013	1,895	567.8	3.946
Southern OR	GRANTS PASS	GLENDALE SUBSTATION	5R143	INDUSTRIAL	1,542	262,211	634	413.6	2.432
Southern OR	GRANTS PASS	JEROME PRAIRIE	5R62	WILD PRAIRIE	19,533	1,216,747	1,648	738.3	11.853
Southern OR	GRANTS PASS	JEROME PRAIRIE	5R63	WOOD RIVER	11,222	1,972,407	1,614	1,222.1	6.953
Southern OR	GRANTS PASS	MERLIN	5R232	MERLIN-HUGO	9,169	931,824	1,033	902.1	8.876
Southern OR	GRANTS PASS	MERLIN	5R234	PARADISE	6,109	417,708	1,212	344.6	5.040
Southern OR	GRANTS PASS	MERLIN	5R248	PLEASANT VALLEY-MERLIN FEEDER	3,778	499,799	1,130	442.3	3.343
Southern OR	GRANTS PASS	MERLIN	5R251	BADGER	39	22,063	931	23.7	0.042
Southern OR	GRANTS PASS	MERLIN	5R288	MONARCH	397	50,949	1,790	28.5	0.222
Southern OR	GRANTS PASS	OBRIEN	5R106	O'BRIEN	718	103,796	430	241.4	1.670
Southern OR	GRANTS PASS	PARK STREET (OR)	5R114	FRUITDALE	10,199	759,632	2,222	341.9	4.590

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Southern OR	GRANTS PASS	PARK STREET (OR)	5R115	ALLEN CREEK	3,651	333,578	1,006	331.6	3.629
Southern OR	GRANTS PASS	PARK STREET (OR)	5R121	NEW HOPE	5,133	337,200	2,215	152.2	2.317
Southern OR	GRANTS PASS	PARK STREET (OR)	5R169	PORTOLA	59	8,848	1,377	6.4	0.043
Southern OR	GRANTS PASS	PROVOLT	5R67	NORTH-SOUTH	21,370	4,713,058	1,454	3,241.4	14.697
Southern OR	GRANTS PASS	ROGUE RIVER	5R77	SAVAGE/WIMER	13,179	1,741,866	1,877	928.0	7.021
Southern OR	GRANTS PASS	ROGUE RIVER	5R78	ROCKY POINT (ROGUE RIVER)	7,004	1,408,755	1,060	1,329.0	6.608
Southern OR	GRANTS PASS	SELMA	5R65	DEER CREEK	8,377	1,136,074	1,181	962.0	7.093
Southern OR	KLAMATH FALLS	BEATTY	5L1	BEATTY	4,771	502,303	390	1,288.0	12.233
Southern OR	KLAMATH FALLS	BLY	5L14	TOWN (BLY)	3,537	257,354	425	605.5	8.322
Southern OR	KLAMATH FALLS	BOISE CASCADE	7L9	BOISE CASCAD	2	396	1	396.4	2.000
Southern OR	KLAMATH FALLS	BONANZA (OR)	5L7	POE VALLEY	1,448	94,131	471	199.9	3.074
Southern OR	KLAMATH FALLS	BRYANT	5L2	GARY STREET	128	9,115	2,147	4.2	0.060
Southern OR	KLAMATH FALLS	BRYANT	5L3	WASHBURN	202	18,766	1,796	10.4	0.112
Southern OR	KLAMATH FALLS	BRYANT	5L4	SUMMERS LANE	372	48,624	1,935	25.1	0.192
Southern OR	KLAMATH FALLS	BRYANT	5L5	MOYINA HTS.	361	71,153	2,481	28.7	0.146
Southern OR	KLAMATH FALLS	CASEBEER SUB	4L16	LANGELL VLY	5,896	478,805	1,199	399.3	4.917
Southern OR	KLAMATH FALLS	CHILOQUIN	5L57	CRATER LAKE	13,881	2,702,468	1,059	2,551.9	13.108
Southern OR	KLAMATH FALLS	CHILOQUIN MRKT	5L37	WILLIAMSON	1,789	313,746	574	546.6	3.117
Southern OR	KLAMATH FALLS	DAIRY	5L42	SWAN LAKE	1,432	99,623	261	381.7	5.487
Southern OR	KLAMATH FALLS	DAIRY	5L43	DAIRY	8,950	1,281,513	503	2,547.7	17.793
Southern OR	KLAMATH FALLS	HAMAKER	5L55	KENO	16,160	1,233,839	1,701	725.4	9.500
Southern OR	KLAMATH FALLS	HAMAKER	5L56	MOUNTAIN	557	36,580	169	216.4	3.296
Southern OR	KLAMATH FALLS	HENLEY	5L58	HENLEY	580	26,317	232	113.4	2.500
Southern OR	KLAMATH FALLS	HENLEY	5L59	WEST	2,405	182,219	531	343.2	4.529
Southern OR	KLAMATH FALLS	HORNET	5L44	HOMEDALE	21,657	1,157,424	2,933	394.6	7.384
Southern OR	KLAMATH FALLS	HORNET	5L45	CRYSTAL SPR	14,791	737,037	1,534	480.5	9.642
Southern OR	KLAMATH FALLS	LAKEPORT	5L49	WOCUS	12	2,161	303	7.1	0.040
Southern OR	KLAMATH FALLS	LAKEPORT	5L54	SOUTH (LAKEPORT)	3,038	190,831	2,437	78.3	1.247
Southern OR	KLAMATH FALLS	LAKEPORT	5L61	JELDWEN	7	154	7	22.0	1.000
Southern OR	KLAMATH FALLS	MERRILL (OR)	5L26	LAKE (MERRILL)	7,108	746,683	980	761.9	7.253
Southern OR	KLAMATH FALLS	MERRILL (OR)	5L27	NORTH (MERRILL)	8,083	591,671	557	1,062.2	14.512
Southern OR	KLAMATH FALLS	MODOC	5L36	MODOC	10,420	1,978,473	876	2,258.5	11.895
Southern OR	KLAMATH FALLS	ROSS AVENUE	5L46	ELDORADO	1,348	160,093	1,323	121.0	1.019
Southern OR	KLAMATH FALLS	ROSS AVENUE	5L48	BROAD ST.	4,726	534,188	1,171	456.2	4.036
Southern OR	KLAMATH FALLS	RUNNING Y	4L50	ROCKY POINT FEEDER (RUNNING Y)	24,066	5,821,409	1,529	3,807.3	15.740
Southern OR	KLAMATH FALLS	SPRAGUE RIVER	5L8	SPRAGUE RIVER	5,869	509,863	533	956.6	11.011
Southern OR	KLAMATH FALLS	TEXUM	5L112	ANDERSON	3,682	165,101	1,207	136.8	3.051
Southern OR	KLAMATH FALLS	TEXUM	5L113	TOWER	1,509	14,408	284	50.7	5.313

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Oregon Regions	Op Area Name	Substation Name	Circuit Id	Circuit Name	Customers in Incident Sustained	Customer Minutes Lost	Circuit Customer Count	SAIDI	SAIFI
Southern OR	KLAMATH FALLS	TEXUM	5L116	ALTAMONT	7,414	437,900	1,493	293.3	4.966
Southern OR	KLAMATH FALLS	TURKEY HILL	5L20	MALIN CITY	8,564	1,116,157	831	1,343.1	10.306
Southern OR	KLAMATH FALLS	TURKEY HILL	5L23	RURAL (TURKEY HILL)	1,497	57,080	325	175.6	4.606
Southern OR	KLAMATH FALLS	WEST SIDE	5L12	ORINDALE	5,310	487,719	813	599.9	6.531
Southern OR	KLAMATH FALLS	WEST SIDE	5L15	CALIFORNIA	1,455	37,574	1,327	28.3	1.096
Southern OR	KLAMATH FALLS	WEST SIDE	5L16	MAIN ST (WEST SIDE HE PLANT)	112	2,468	112	22.0	1.000
Southern OR	KLAMATH FALLS	WEST SIDE	5L17	PINE ST (WEST SIDE HE PLANT)	538	11,901	523	22.8	1.029
Southern OR	KLAMATH FALLS	WEST SIDE	5L18	RIVERSIDE (WEST SIDE HE PLANT)	616	15,955	592	27.0	1.041
Southern OR	KLAMATH FALLS	WEST SIDE	5L19	LAKESHORE	543	15,114	305	49.6	1.780
Southern OR	LAKEVIEW	MILE-HI	5L104	INDUSTRIAL	9,252	894,497	712	1,256.3	12.994
Southern OR	LAKEVIEW	MILE-HI	5L105	BUSINESS	3,491	186,707	1,734	107.7	2.013
Southern OR	MEDFORD	ASHLAND (MTN.AVE, PUD)	5R241	CITY	26	4,884	12	407.0	2.167
Southern OR	MEDFORD	ASHLAND (MTN.AVE, PUD)	5R245	VALLEY VIEW	7,962	387,470	968	400.3	8.225
Southern OR	MEDFORD	BEALL LANE	5R361	BULLDOG	1,734	35,932	1,736	20.7	0.999
Southern OR	MEDFORD	BEALL LANE	5R364	BOBCAT	437	57,533	2,147	26.8	0.204
Southern OR	MEDFORD	BELKNAP	5R1	KOGAP	279	53,487	989	54.1	0.282
Southern OR	MEDFORD	BELKNAP	5R2	RIVERSIDE (BELKNAP)	27	3,272	659	5.0	0.041
Southern OR	MEDFORD	BELKNAP	5R3	BARNETT	81	23,006	1,607	14.3	0.050
Southern OR	MEDFORD	BELKNAP	5R47	STEWART	2,464	90,092	2,284	39.4	1.079
Southern OR	MEDFORD	BROOKHURST	5R118	SPRINGBROOK	28	9,892	2,008	4.9	0.014
Southern OR	MEDFORD	BROOKHURST	5R135	ROBERTS (BROOKHURST)	153	35,767	1,934	18.5	0.079
Southern OR	MEDFORD	BROOKHURST	5R32	ROXY	1,309	229,198	1,880	121.9	0.696
Southern OR	MEDFORD	BROOKHURST	5R33	CRATER LAKE	362	92,404	1,689	54.7	0.214
Southern OR	MEDFORD	BROOKHURST	5R75	SUNRISE (BROOKHURST)	14	1,748	1,261	1.4	0.011
Southern OR	MEDFORD	CAMPBELL	5R216	VOORHIES	845	34,349	846	40.6	0.999
Southern OR	MEDFORD	CAMPBELL	5R218	PHOENIX	997	47,343	1,056	44.8	0.944
Southern OR	MEDFORD	CAMPBELL	5R227	FERN VALLEY	8,242	476,314	1,354	351.8	6.087
Southern OR	MEDFORD	CAMPBELL	5R312	COBRA	8,783	739,774	1,558	474.8	5.637
Southern OR	MEDFORD	DODGE BRIDGE	4R1	SALMON	33,426	3,340,182	1,621	2,060.6	20.621
Southern OR	MEDFORD	DODGE BRIDGE	4R35	MEADOWS ROAD	15,127	1,844,190	1,398	1,319.2	10.820
Southern OR	MEDFORD	FOOTHILLS	5R38	HOSPITAL	12	4,016	807	5.0	0.015
Southern OR	MEDFORD	FOOTHILLS	5R39	PIERCE ROAD	372	63,579	1,163	54.7	0.320
Southern OR	MEDFORD	FRALEY	5R87	TABLE ROCK	5,990	892,550	517	1,726.4	11.586
Southern OR	MEDFORD	FRALEY	5R88	DODGE BRIDGE	1,608	124,093	253	490.5	6.356
Southern OR	MEDFORD	GOLD HILL	5R103	GOLD HILL	7,285	1,067,623	2,051	520.5	3.552
Southern OR	MEDFORD	GRIFFIN CREEK	5R204	HULL RD	15,028	1,002,821	2,736	366.5	5.493
Southern OR	MEDFORD	GRIFFIN CREEK	5R206	GRIFFIN CREEK	17,801	914,846	1,777	514.8	10.017
Southern OR	MEDFORD	HUMBUG CREEK	5R287	HUMMINGBIRD	8,619	1,273,682	688	1,851.3	12.528

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Southern OR	MEDFORD	JACKSONVILLE	5R284	STAGE RD	7,979	1,058,837	2,096	505.2	3.807
Southern OR	MEDFORD	JACKSONVILLE	5R285	JACKSONVILLE HWY	5,962	387,368	2,235	173.3	2.668
Southern OR	MEDFORD	MEDFORD	5R21	MELROSE	1,905	72,386	1,540	47.0	1.237
Southern OR	MEDFORD	MEDFORD	5R23	SPRING ST.	2,232	106,808	1,585	67.4	1.408
Southern OR	MEDFORD	MEDFORD	5R250	BIG Y	157	28,484	1,845	15.4	0.085
Southern OR	MEDFORD	MEDFORD	5R253	APPLE	94	33,803	1,088	31.1	0.086
Southern OR	MEDFORD	MEDFORD	5R257	PEAR	2	443	776	0.6	0.003
Southern OR	MEDFORD	MEDFORD	5R659	MCLEAN	195	44,249	663	66.7	0.294
Southern OR	MEDFORD	OAK KNOLL	5R55	SISKIYOU	11,438	2,105,318	1,544	1,363.5	7.408
Southern OR	MEDFORD	OAK KNOLL	5R56	HIGHWAY 99	437	52,006	113	460.2	3.867
Southern OR	MEDFORD	PROSPECT CNTRL	5R40	CASCADE GORGE COTTAGES	1,532	391,024	327	1,195.8	4.685
Southern OR	MEDFORD	PROSPECT CNTRL	8R5	DAM & FOREBAY	2	163	2	81.4	1.000
Southern OR	MEDFORD	RED BLANKET	7R5	PROSPECT	6,152	2,283,842	395	5,781.9	15.575
Southern OR	MEDFORD	ROXY ANN	5R350	St. Bernard	7,156	637,851	1,356	470.4	5.277
Southern OR	MEDFORD	ROXY ANN	5R354	RACCOON	1,714	344,617	1,617	213.1	1.060
Southern OR	MEDFORD	RUCH	5R68	APPLEGATE	13,230	2,081,583	946	2,200.4	13.985
Southern OR	MEDFORD	RUCH	5R69	RUCH	4,277	1,093,051	539	2,027.9	7.935
Southern OR	MEDFORD	SAGE ROAD (OR)	5R209	TIMBER PROD	1	76	1	75.7	1.000
Southern OR	MEDFORD	SAGE ROAD (OR)	5R211	COLUMBUS	2,906	273,993	1,766	155.1	1.646
Southern OR	MEDFORD	SAGE ROAD (OR)	5R226	BOISE	1,076	107,911	920	117.3	1.170
Southern OR	MEDFORD	SAGE ROAD (OR)	5R28	ROSS	2,219	13,200	2,148	6.1	1.033
Southern OR	MEDFORD	SAGE ROAD (OR)	5R29	EDWARDS	7	1,696	707	2.4	0.010
Southern OR	MEDFORD	SCENIC	5R174	UPTON	20,629	2,639,763	2,011	1,312.7	10.258
Southern OR	MEDFORD	SCENIC	5R180	HEAD RD	1,346	319,075	1,196	266.8	1.125
Southern OR	MEDFORD	SCENIC	5R182	TAYLOR RD	1,794	156,839	1,686	93.0	1.064
Southern OR	MEDFORD	SCENIC	5R184	CHENEY	7,970	991,151	1,911	518.7	4.171
Southern OR	MEDFORD	STEVENS ROAD	4R13	HENRY MILLER	10,190	724,883	2,479	292.4	4.111
Southern OR	MEDFORD	STEVENS ROAD	4R17	Stingray	13,906	1,126,922	2,637	427.3	5.273
Southern OR	MEDFORD	STEVENS ROAD	4R41	ANTELOPE	10,270	1,086,320	1,170	928.5	8.778
Southern OR	MEDFORD	TAKELMA	4R9	LOST CK. (TAKELMA)	17,502	2,412,505	2,671	903.2	6.553
Southern OR	MEDFORD	TALENT	5R237	TALENT	15,457	844,295	2,429	347.6	6.364
Southern OR	MEDFORD	TALENT	5R238	ANDERSON CRK	27,971	3,792,070	1,667	2,274.8	16.779
Southern OR	MEDFORD	TALENT	5R239	HARTLEY ROAD	11,171	792,121	1,548	511.7	7.216
Southern OR	MEDFORD	TALENT	5R240	NORTH HWY	2,311	344,471	1,033	333.5	2.237
Southern OR	MEDFORD	TOLO	5R90	TBL ROCK LBR	500	96,406	161	598.8	3.106
Southern OR	MEDFORD	TOLO	5R91	SAMS VALLEY	4,979	1,226,983	654	1,876.1	7.613
Southern OR	MEDFORD	TOLO	5R92	KIRTLAND RD	228	17,187	227	75.7	1.004
Southern OR	MEDFORD	VILAS ROAD	5R110	MCLAUGHLIN	319	24,454	958	25.5	0.333

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Southern OR	MEDFORD	VILAS ROAD	5R146	KING CENTER	58	7,228	1,473	4.9	0.039
Southern OR	MEDFORD	VILAS ROAD	5R305	WEBFOOT	2	136	925	0.1	0.002
Southern OR	MEDFORD	WHITE CITY	5R11	EAGLE POINT	10,128	980,849	1,501	653.5	6.748
Southern OR	MEDFORD	WHITE CITY	5R12	INDUSTRIAL	52	10,644	36	295.7	1.444
Southern OR	MEDFORD	WHITE CITY	5R13	FIR-PLY	27	7,172	27	265.6	1.000
Southern OR	MEDFORD	WHITE CITY	5R14	AGATE	698	258,703	231	1,119.9	3.022
Southern OR	MEDFORD	WHITE CITY	5R19	3M	141	77,174	130	593.6	1.085
Southern OR	MEDFORD	WHITE CITY	5R66	4 CORNERS	4,544	1,509,587	2,006	752.5	2.265
Southern OR	MEDFORD	WHITE CITY	5R76	AVE C	88	23,497	85	276.4	1.035
Southern OR	ROSEBURG/MYRTLECREEK	CANYONVILLE	5U46	CANYONVILLE	309	44,615	396	112.7	0.780
Southern OR	ROSEBURG/MYRTLECREEK	CANYONVILLE	5U52	BEALS CREEK FEEDER	5,655	832,710	886	939.9	6.383
Southern OR	ROSEBURG/MYRTLECREEK	CARNES	5U44	RND PRARIE	698	89,287	437	204.3	1.597
Southern OR	ROSEBURG/MYRTLECREEK	CLEARWATER #1 SUB	6U17	BRIGGS	6	5,572	3	1,857.4	2.000
Southern OR	ROSEBURG/MYRTLECREEK	CLEARWATER #2 SUB	6U33	CLEARWATER	100	95,114	97	980.6	1.031
Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U37	RUSA	1	60	2	30.0	0.500
Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U38	HARVARD	16,557	1,016,838	3,001	338.8	5.517
Southern OR	ROSEBURG/MYRTLECREEK	CLOAKE	4U39	GOEDECK	12,779	967,105	1,296	746.2	9.860
Southern OR	ROSEBURG/MYRTLECREEK	GARDEN VALLEY	4U80	EDENBOWER	840	17,415	811	21.5	1.036
Southern OR	ROSEBURG/MYRTLECREEK	GARDEN VALLEY	4U81	VALLEY	18,128	2,289,404	1,431	1,599.9	12.668
Southern OR	ROSEBURG/MYRTLECREEK	GLIDE SUBSTATION	5U83	IDLEYLD	4,479	620,694	942	658.9	4.755
Southern OR	ROSEBURG/MYRTLECREEK	GLIDE SUBSTATION	5U84	LITTLE RIVER	29,874	3,834,972	1,392	2,755.0	21.461
Southern OR	ROSEBURG/MYRTLECREEK	GREEN SUBSTATION	5U32	SAFARI	8,612	256,409	2,309	111.0	3.730
Southern OR	ROSEBURG/MYRTLECREEK	GREEN SUBSTATION	5U33	SUNNYSLOPE	1,444	44,769	1,670	26.8	0.865
Southern OR	ROSEBURG/MYRTLECREEK	ILLAHEE FLATS	6U13	ILLAHEE FLATS SINGLE PHASE RECLOSER	60	18,122	28	647.2	2.143
Southern OR	ROSEBURG/MYRTLECREEK	LEMOLO # 1	5U920	DIAMOND LAKE	2,043	965,687	184	5,248.3	11.103
Southern OR	ROSEBURG/MYRTLECREEK	MYRTLE CREEK	5U76	SUPER Y	3,263	345,141	1,549	222.8	2.107
Southern OR	ROSEBURG/MYRTLECREEK	MYRTLE CREEK	5U77	BOOMER HILL	654	106,683	1,223	87.2	0.535
Southern OR	ROSEBURG/MYRTLECREEK	OAKLAND (OR)	5U11	UMPQUA	5,089	364,306	1,332	273.5	3.821
Southern OR	ROSEBURG/MYRTLECREEK	OAKLAND (OR)	5U12	STAGECOACH	1,732	123,290	555	222.1	3.121
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U1	TRI CITY	4,699	168,741	2,166	77.9	2.169
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U2	COW CREEK	5,827	978,503	1,583	618.1	3.681
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE	5U3	HANNA	512	49,176	283	173.8	1.809
Southern OR	ROSEBURG/MYRTLECREEK	RIDDLE-VENEER	5U50	RFP-LVL (EWP)	36	7,429	30	247.6	1.200
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U10	DIAMOND	14,518	849,433	2,535	335.1	5.727
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U22	DIXON	3,583	215,716	1,526	141.4	2.348
Southern OR	ROSEBURG/MYRTLECREEK	ROSEBURG	4U5	DOUGLAS	3,831	188,219	2,170	86.7	1.765
Southern OR	ROSEBURG/MYRTLECREEK	SODA SPRINGS HE PLT	6U10	CB6U10	1	40,963	1	40,963.0	1.000
Southern OR	ROSEBURG/MYRTLECREEK	SOUTHGATE	4U30	SHADY POINT	1,437	296,784	1,637	181.3	0.878

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Southern OR	ROSEBURG/MYRTLECREEK	SOUTHGATE	4U31	BOOTH	1,745	106,146	1,560	68.0	1.119
Southern OR	ROSEBURG/MYRTLECREEK	STEAMBOAT	6U18	STEAMBOAT	126	74,630	21	3,553.8	6.000
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U35	NON-PAREIL	1,452	155,925	1,316	118.5	1.103
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U36	DEADY	2,371	278,357	1,381	201.6	1.717
Southern OR	ROSEBURG/MYRTLECREEK	SUTHERLIN	5U56	Industrial	564	12,682	548	23.1	1.029
Southern OR	ROSEBURG/MYRTLECREEK	TILLER	5U89	JACKSON CRK	1,101	1,186,006	304	3,901.3	3.622
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	4U18	WILBUR	5,168	175,539	1,670	105.1	3.095
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	5U15	NEWTON CREEK	3,677	113,114	1,823	62.0	2.017
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	5U17	FISHER	3,206	170,895	796	214.7	4.028
Southern OR	ROSEBURG/MYRTLECREEK	WINCHESTER	5U19	EVANS	798	102,969	748	137.7	1.067
Southern OR	ROSEBURG/MYRTLECREEK	WINSTON	5U48	BROCKWAY	40	6,619	880	7.5	0.045
Southern OR	ROSEBURG/MYRTLECREEK	WINSTON	5U49	DILLARD	819	134,598	1,437	93.7	0.570
Willamette Valley	ALBANY	HAZELWOOD	4M335	WEST HIGH	1,104	107,459	856	125.5	1.290
Willamette Valley	ALBANY	HAZELWOOD	4M336	RIVERVIEW (HAZELWOOD)	6,289	892,380	1,239	720.2	5.076
Willamette Valley	ALBANY	JEFFERSON (OR)	4M117	MARION	2,770	212,393	729	291.3	3.800
Willamette Valley	ALBANY	JEFFERSON (OR)	4M125	MINT	8,054	561,859	3,021	186.0	2.666
Willamette Valley	ALBANY	MURDER CREEK	4M243	SCRAVEL HILL	448	80,071	3,740	21.4	0.120
Willamette Valley	ALBANY	MURDER CREEK	4M245	RURAL NW	1,776	167,145	2,611	64.0	0.680
Willamette Valley	ALBANY	MURDER CREEK	4M249	DURA-PACIFIC	2,768	383,384	1,349	284.2	2.052
Willamette Valley	ALBANY	OREMET	4M296	ROGERSDALE	358	80,471	2,163	37.2	0.166
Willamette Valley	ALBANY	QUEEN AVE	4M217	SANTIAM	5,755	483,324	1,905	253.7	3.021
Willamette Valley	ALBANY	QUEEN AVE	4M258	HILL STREET	4,709	494,834	2,922	169.3	1.612
Willamette Valley	ALBANY	QUEEN AVE	4M261	WAVERLY	2,614	295,691	3,683	80.3	0.710
Willamette Valley	ALBANY	QUEEN AVE	4M262	GEARY STREET	8,039	1,196,796	2,734	437.7	2.940
Willamette Valley	ALBANY	VINE STREET	4M15	FERRY	62	21,498	2,215	9.7	0.028
Willamette Valley	ALBANY	VINE STREET	4M16	WATER STREET	2,714	713,413	4,489	158.9	0.605
Willamette Valley	CORVALLIS	BUCHANAN	4M130	HEWLETT PACKARD	5,987	2,198,213	2,935	749.0	2.040
Willamette Valley	CORVALLIS	BUCHANAN	4M133	PEORIA	5,617	698,267	2,417	288.9	2.324
Willamette Valley	CORVALLIS	BUCHANAN	4M134	N. NINTH ST.	4,694	323,222	2,564	126.1	1.831
Willamette Valley	CORVALLIS	CIRCLE BLVD	4M429	H. P. #5	1	679	1	679.2	1.000
Willamette Valley	CORVALLIS	DIXON	7M26	FOURTH ST.	236	12,555	223	56.3	1.058
Willamette Valley	CORVALLIS	DIXON	7M29	SECOND ST.	268	13,400	268	50.0	1.000
Willamette Valley	CORVALLIS	GRANT ST	4M265	HIGH SCHOOL	2,719	348,786	2,450	142.4	1.110
Willamette Valley	CORVALLIS	GRANT ST	4M266	CHINTIMINI	2,656	321,862	2,442	131.8	1.088
Willamette Valley	CORVALLIS	GRANT ST	4M268	KINGS ROAD	4,236	459,378	2,482	185.1	1.707
Willamette Valley	CORVALLIS	GRANT ST	4M269	29TH STREET	4,677	1,836,657	3,619	507.5	1.292
Willamette Valley	CORVALLIS	HILLVIEW	4M180	WEST HILLS	2,596	401,833	1,898	211.7	1.368
Willamette Valley	CORVALLIS	HILLVIEW	4M181	PHILOMATH	2,284	100,460	1,300	77.3	1.757

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Willamette Valley	CORVALLIS	HILLVIEW	4M182	SUNSET	2,718	399,620	1,750	228.4	1.553
Willamette Valley	CORVALLIS	HILLVIEW	4M185	PLYMOUTH	12,071	624,665	2,218	281.6	5.442
Willamette Valley	CORVALLIS	MARYS RIVER	4M151	GREENBERRY	8,865	1,177,137	3,570	329.7	2.483
Willamette Valley	CORVALLIS	MARYS RIVER	4M152	AVERY	184	9,414	183	51.4	1.005
Willamette Valley	CORVALLIS	MARYS RIVER	4M153	GALLAGHER	160	24,460	152	160.9	1.053
Willamette Valley	COTTAGE GROVE/J.CITY	COBURG	4M220	DETERING	2,029	1,972,710	628	3,141.3	3.231
Willamette Valley	COTTAGE GROVE/J.CITY	GOSHEN (OR)	4M360	GOSHEN FDR	10,240	13,211,973	1,659	7,963.8	6.172
Willamette Valley	COTTAGE GROVE/J.CITY	HARRISBURG SUB	4M400	TERRITORIAL	709	1,075,827	1,872	574.7	0.379
Willamette Valley	COTTAGE GROVE/J.CITY	JUNCTION CITY	4M102	6TH STREET	2,685	1,112,707	1,172	949.4	2.291
Willamette Valley	COTTAGE GROVE/J.CITY	JUNCTION CITY	4M99	PRAIRIE ROAD	2,414	642,813	1,007	638.3	2.397
Willamette Valley	COTTAGE GROVE/J.CITY	LANCASTER	4M209	MONROE	3,951	2,861,703	1,149	2,490.6	3.439
Willamette Valley	COTTAGE GROVE/J.CITY	VILLAGE GREEN	4M84	NORTH SIDE	5,919	18,824,105	2,441	7,711.6	2.425
Willamette Valley	COTTAGE GROVE/J.CITY	VILLAGE GREEN	4M86	MADISON	12,439	13,246,425	1,706	7,764.6	7.291
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M100	RURAL (DALLAS)	4,268	1,370,596	2,259	606.7	1.889
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M201	INDUSTRIAL	4,411	1,556,317	3,235	481.1	1.364
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M202	ELLENDALE	9,442	2,152,078	3,127	688.2	3.020
Willamette Valley	DALLAS/INDEPENDENCE	DALLAS	4M238	DALLAS	6,107	1,644,856	2,397	686.2	2.548
Willamette Valley	DALLAS/INDEPENDENCE	INDEPENDENCE	4M22	RICKREAL	3,428	1,085,897	3,187	340.7	1.076
Willamette Valley	DALLAS/INDEPENDENCE	INDEPENDENCE	4M25	BUENA VISTA	1,745	343,623	2,389	143.8	0.730
Willamette Valley	LEBANON	BROWNSVILLE	4M17	CALAPOOIA	4,027	2,933,148	1,701	1,724.4	2.367
Willamette Valley	LEBANON	CALAPOOYA	4M850	SPAULDING	9,102	2,546,065	1,207	2,109.4	7.541
Willamette Valley	LEBANON	CALAPOOYA	4M851	BEAR	48	111,305	31	3,590.5	1.548
Willamette Valley	LEBANON	CROWFOOT	4M204	CROWFOOT	3,074	349,940	1,512	231.4	2.033
Willamette Valley	LEBANON	CROWFOOT	4M206	US PLYWOOD (LEBANON)	397	42,505	2,230	19.1	0.178
Willamette Valley	LEBANON	LEBANON	4M61	TANGENT	2,900	559,362	2,624	213.2	1.105
Willamette Valley	LEBANON	LEBANON	4M62	RALSTON	1,711	226,772	2,025	112.0	0.845
Willamette Valley	LEBANON	LEBANON	4M63	TENNESSEE	4,356	1,683,677	1,803	933.8	2.416
Willamette Valley	LEBANON	LEBANON	4M79	CROWN Z	1,310	159,339	1,268	125.7	1.033
Willamette Valley	LEBANON	SWEET HOME	4M37	HOLLEY	10,821	10,453,897	2,034	5,139.6	5.320
Willamette Valley	LEBANON	SWEET HOME	4M38	NARROWS	3,408	2,109,758	999	2,111.9	3.411
Willamette Valley	LEBANON	SWEET HOME	4M93	AMES CREEK	7,019	2,040,809	1,752	1,164.8	4.006
Willamette Valley	LEBANON	SWEET HOME	4M94	FOSTER	14,481	8,676,529	2,497	3,474.8	5.799
Willamette Valley	STAYTON	LYONS	4M120	MILL CITY	3,123	647,622	708	914.7	4.411
Willamette Valley	STAYTON	LYONS	4M70	MEHAMA	23,758	4,178,420	2,146	1,947.1	11.071
Willamette Valley	STAYTON	SCIO	5M126	THOMAS	3,156	410,326	1,586	258.7	1.990
Willamette Valley	STAYTON	STAYTON	4M19	AUMSVILLE	2,463	244,879	3,529	69.4	0.698
Willamette Valley	STAYTON	STAYTON	4M353	WEST STAYTON	1,017	390,966	3,559	109.9	0.286
Willamette Valley	STAYTON	STAYTON	4M370	CASCADE	3,541	434,911	1,577	275.8	2.245

Oregon 2024 Circuit Metrics (Including major events)

Oregon Regions	Op Area Name	Substation Name	Circuit Id	Circuit Name	Customers in Incident Sustained	Customer Minutes Lost	Circuit Customer Count	SAIDI	SAIFI
Willamette Valley	STAYTON	STAYTON	4M50	3RD STREET	76	15,207	924	16.5	0.082

VEGETATION MANAGEMENT

	OREGON								
	Tree Program Reporting								
	Report as of Dec 31, 2024								
	Distribution Three Year Cycle Jan 1,2022 - Dec 31,2024								
	Total					Total Cycle Reporting			
	Total Line Miles	1/1/2024 - 12/31/2024 Miles Planned	1/1/2024 - 12/31/2024 Miles Actual	1/1/2024 - 12/31/2024 Remaining	1/1/2024 - 12/31/2024 % Complete	1/1/2022 through end of cycle Miles Planned	1/1/2022 through end of cycle Miles Actual	1/1/2022 through end of cycle Remaining	1/1/2022 through end of cycle % Complete
	column a	*column b*	*column c*	*column d*	*column e*	*column f*	*column g*	*column h*	*column i*
Oregon	**13,934**	**4,778**	**4,779**	**1**	**100%**	**14,228**	**14,240**	**12**	**100%**
ALBANY	538	338	338	-	100%	552	552	-	100%
CENTRAL OREGON	1,347	456	456	-	100%	1,374	1,385	12	101%
CLATSOP	375	114	114	(0)	100%	375	375	0	100%
COOS BAY	645	174	174	0	100%	645	645	0	100%
CORVALLIS	305	92	92	-	100%	311	311	(0)	100%
COTTAGE GROVE	52	-	-	-	0%	52	52	-	100%
DALLAS	408	177	177	0	100%	408	409	1	100%
ENTERPRISE	429	164	164	-	100%	429	430	0	100%
GRANTS PASS	1,627	537	537	-	100%	1,631	1,631	(0)	100%
HERMISTON	254	92	92	0	100%	254	254	0	100%
HOOD RIVER	320	74	74	-	100%	319	319	0	100%
JUNCTION CITY	155	-	-	-	0%	155	155	-	100%
KLAMATH FALLS	1,831	583	583	-	100%	1,836	1,836	(0)	100%
LAKEVIEW	61	47	47	-	100%	69	69	-	100%
LEBANON	696	312	312	-	100%	698	698	-	100%
LINCOLN CITY	164	37	37	0	101%	164	164	0	100%
MEDFORD	1,010	355	355	-	100%	1,022	1,022	(0)	100%
MILTON FREEWATER/WALLA WALLA(OR)	131	11	11	(0)	98%	131	130	(1)	100%
NO MEDFORD	894	299	299	-	100%	896	897	0	100%
PENDLETON	610	318	318	-	100%	632	632	0	100%
PORTLAND*	445	189	189	-	100%	634	635	0	100%
ROSEBURG	1,193	410	410	-	100%	1,196	1,197	0	100%
STAYTON	444	-	-	-	0%	444	444	0	100%

Portland is on a two year cycle

Notes:

Column a: Total overhead pole miles by district

Column b: Total overhead pole miles planned for the year reported for performance from Jan 1 2024 through Dec 31 2024

Column c: Actual overhead pole miles worked for the year during the performance period Jan 1 2024 through Dec 31 2024

Column d: Miles remaining for the period Jan 1 2024 through Dec 31 2024 (column c-column b)

Column e: Percent complete for the period Jan 1 2024 through Dec 31 2024 ((column c÷b)×100)

Column f: Total overhead pole miles planned for the period Jan 1 2022 through end of cycle

Column g: Actual overhead pole miles worked during the period Jan 1 2022 through end of cycle

Column h: Miles remaining for the period Jan 1 2022 through end of cycle (column g-column f)

Column i: Percent complete for the period Jan 1 2022 through end of cycle ((column g÷f)×100)

* Conversion calculation for sq ft of brush to a tree was changed for in 2014 from 10 sq ft of brush = 1 tree to 100 sq ft of brush = 1 tree.

VEGETATION MANAGEMENT
OREGON

Tree Program Reporting (C)

	2024 ACT	2025 est	2026 est	2027 est	2028 est	2029 est
Distribution						
Tree Budget	78,073,758	81,842,000	81,773,915	81,977,446	85,934,100	85,862,611
Transmission						
Tree Budget	7,485,426	8,058,000	7,768,063	7,859,697	8,460,900	8,156,466
Total Tree Budget	**$ 85,559,185**	**$ 89,900,000**	**$ 89,541,978**	**$ 89,837,144**	**$ 94,395,000**	**$ 94,019,077**

	2018	2019	2020	2021	2022	2023
Distribution						
Tree Actuals	18,502,712	22,848,077	34,190,176	42,336,338	77,118,337	77,879,919
Transmission						
Tree Actuals	2,528,003	2,524,520	2,267,173	2,392,704	4,064,943	7,398,155
Total Tree Actuals	**$ 21,030,715**	**$ 25,372,597**	**$ 36,457,349**	**$ 44,729,042**	**$ 81,183,280**	**$ 85,278,074**

	Distribution			Transmission		
Calendar Year 2023	**Actuals**	**Budget**	**Variance**	**Actuals**	**Budget**	**Variance**
Jan	$ 5,580,767	$ 5,329,389	$ 251,378	$ 292,353	$ 208,379	$ 83,973
Feb	$ 8,125,364	$ 6,508,084	$ 1,617,280	$ 272,979	$ 289,043	$ (16,064)
Mar	$ 7,972,875	$ 7,664,267	$ 308,608	$ 459,844	$ 597,351	$ (137,507)
Apr	$ 7,218,253	$ 6,410,574	$ 807,680	$ 586,594	$ 468,380	$ 118,214
May	$ 7,584,187	$ 7,085,133	$ 499,053	$ 1,013,527	$ 686,242	$ 327,285
Jun	$ 6,991,888	$ 6,990,731	$ 1,157	$ 720,909	$ 730,433	$ (9,524)
Jul	$ 6,569,697	$ 5,916,985	$ 652,711	$ 971,493	$ 687,154	$ 284,339
Aug	$ 5,878,232	$ 6,849,627	$ (971,395)	$ 869,970	$ 1,012,124	$ (142,154)
Sep	$ 5,286,967	$ 5,852,596	$ (565,628)	$ 834,738	$ 885,475	$ (50,737)
Oct	$ 5,674,859	$ 6,822,856	$ (1,147,997)	$ 855,288	$ 1,221,960	$ (366,672)
Nov	$ 5,509,127	$ 7,031,329	$ (1,522,202)	$ 321,950	$ 860,651	$ (538,702)
Dec	$ 5,681,542	$ 5,931,371	$ (249,829)	$ 285,782	$ 294,399	$ (8,617)
Total	**$ 78,073,758**	**$ 78,392,942**	**$ (319,184)**	**$ 7,485,426**	**$ 7,941,592**	**$ (456,165)**

Average # Tree Crews on Property (YTD)	**99**

INSPECTION AND MAINTENANCE PROGRAMS

Inspection and Repairs

In Calendar Year 2024 (January 01 through December 31, 2024), among distribution and transmission facilities (both overhead and underground), 2,711 'A' Priority conditions were recorded and 2,643 were corrected.

For 'B' priority conditions, 22,871 were identified and 13,393 were corrected in CY2024.

Reporting of 'C' priority conditions was terminated early 2014, however some are still occasionally entered into the inspection system inadvertently. Three were identified in 2024 and these will be reviewed and reprioritized as required. 1 'C' priority conditions were corrected.

SUMMARY OF CONDITIONS FOUND AND CORRECTED IN 2024

	HFRZ		NON-HFRZ		ALL	
PRIORITY	FOUND	CORRECTED	FOUND	CORRECTED	FOUND	CORRECTED
A	623	547	2,088	2,096	2,711	2,643
B	5,495	2,765	17,376	10,628	22,871	13,393
C	0	0	3	1	3	1

Pole and Overhead Facilities

- PacifiCorp is currently on a 10-year cycle for the Detail inspection and treatment of overhead Distribution and Transmission facilities. In CY2024, 56,461 Distribution, 7,203 Local Transmission and 5,630 Main Grid Transmission Detailed inspections were performed. Detailed inspections were performed on 15.50% of the total 447,106 overhead facilities.
- 39,583 Distribution poles, 3,918 Local Transmission poles and 0 Main Grid Transmission poles were Tested and Treated. Test and Treatment was performed on 8.92% of the total 447,106 overhead facilities.
- PacifiCorp replaced or reinforced 1,418 poles that were rejected through the Test and Treat inspection program. The CY2024 rejection rate was 5.24%.
- The visual inspection of the Distribution and Transmission system was on a 2-year cycle in CY2024. Note that, starting in 2025, PacifiCorp will switch to yearly visual inspections. In CY2024, 227,139 Distribution, 23,088 Local Transmission and 11,639 Main Grid inspections were performed for a total of 261,920 inspections which equates to 58.58% of the total overhead facilities. Operations managers performed random re-inspections to ensure uniform results and adherence.

INSPECTION AND MAINTENANCE PROGRAMS

2024 Inspection Counts and Rejection Percentage of Overhead Structures

	TOTAL	INSPECTION COUNTS				REJECTED POLES		PERCENTAGES			
HFRZ	STRUCTURES	SAFETY	DETAIL	PTT	DETAILED	FOUND	CORRECTED	% SAFETY	% DETAILED	% PTT	% REJECTED
OVERHEAD_DISTRIBUTION	76,445	63,432	8,729	4,425	13,154	369	396	82.98%	17.21%	5.79%	2.81%
LOCAL_TRANSMISSION	6,548	6,537	1,313	1,208	2,521	85	22	99.83%	38.50%	18.45%	3.37%
MAIN_GRID_TRANSMISSION	2,623	2,623	1,895	0	1,895	6	1	100.00%	72.25%	0.00%	0.32%
ALL OH	85,616	72,592	11,937	5,633	17,570	460	419	84.79%	20.52%	6.58%	2.62%

	TOTAL	INSPECTION COUNTS				REJECTED POLES		PERCENTAGES			
NON-HFRZ	STRUCTURES	SAFETY	DETAIL	PTT	DETAILED	FOUND	CORRECTED	% SAFETY	% DETAILED	% PTT	% REJECTED
OVERHEAD_DISTRIBUTION	325,160	163,707	11,749	31,558	43,307	866	831	50.35%	13.32%	9.71%	2.00%
LOCAL_TRANSMISSION	27,252	16,551	1,972	2,710	4,682	158	150	60.73%	17.18%	9.94%	3.37%
MAIN_GRID_TRANSMISSION	9,078	9,070	3,735	0	3,735	55	18	99.91%	41.14%	0.00%	1.47%
ALL OH	361,490	189,328	17,456	34,268	51,724	1,079	999	52.37%	14.31%	9.48%	2.09%

	TOTAL	INSPECTION COUNTS				REJECTED POLES		PERCENTAGES			
ALL	STRUCTURES	SAFETY	DETAIL	PTT	DETAILED	FOUND	CORRECTED	% SAFETY	% DETAILED	% PTT	% REJECTED
OVERHEAD_DISTRIBUTION	401,605	227,139	20,478	35,983	56,461	1,235	1,227	56.56%	14.06%	8.96%	2.19%
LOCAL_TRANSMISSION	33,800	23,088	3,285	3,918	7,203	243	172	68.31%	21.31%	11.59%	3.37%
MAIN_GRID_TRANSMISSION	11,701	11,693	5,630	0	5,630	61	19	99.93%	48.12%	0.00%	1.08%
ALL OH	447,106	261,920	29,393	39,901	69,294	1,539	1,418	58.58%	15.50%	8.92%	2.22%

A. *Underground Facilities*

The inspection of underground facilities is on a 10-year cycle. It includes a detailed inspection of primary underground facilities and an infrared inspection of accessible terminals and splices. During CY2024, 12,116 inspections were performed: 9.33% of 129,921 underground facilities.

Underground Structures By Type And Inspection Counts

	HFRZ	NON-HFRZ	ALL
Cabinet	1,983	8,600	10,583
Junction Box	4,089	44,453	48,542
Manhole	6	411	417
Pad Only	58	319	377
Switch Gear	59	651	710
Transformer	11,107	42,295	53,402
Vault	325	2,826	3,151
Unknown	570	8,193	8,763
ALL UG	18,197	107,748	125,945
UG Inspections	1,120	10,996	12,116
% of UG Structures	6.15%	10.21%	9.62%

B. *Marina Inspection Program*

The inspection of marinas is annual. In CY2024, 100% of marinas were inspected.

C. *Line Equipment Maintenance*

Line Equipment – Overhead Reclosers, Sectionalizers, Regulators, Switches

Line equipment is inspected during the 2-year cycle Visual Survey; therefore, inspection requirements have been met for Reclosers, Sectionalizers, Regulators and Switches.

SUBSTATION MAINTENANCE PROGRAMS

A. Performance Measure X3 Substation Maintenance Programs

1. Description - Substations are critical utility network facilities requiring more frequent inspections and testing of all its equipment. The Company will provide, at the annual meetings, information of its Substation maintenance programs.
2. Program Interval - The program interval will be dictated by the substation equipment operational requirements.
3. Program Expenditures - PacifiCorp is to submit an annual actual versus budgeted expenditures for all substations equipment maintenance programs.

B. Substation Security Inspections

Substation security inspections are performed on cycles based on policy. This includes a detailed inspection of the fence, gates, warning signs, grounding systems, etc. The inspector is trained to look for security violations and public hazards. Copies of the inspection results are filed at the substation and field office. Field personnel are instructed to immediately correct all perimeter security violations.

Reference PacifiCorp Maintenance Policy 034 - Substation Inspection Policy and form 3274F-Substation Inspection.

PacifiCorp operates 282 substation and communication facilities in Oregon. PacifiCorp performed 99.7% of the planned substation security inspections in CY2024.

C. Substation Equipment Inspections

Batteries, Capacitor Banks, Circuit Breakers, Switches, LTC’s, Regulators, Transformers, and protective relays are inspected on cycles based on policy. Inspections check pressure, temperature, voltage, LTC and regulator operation, cooling equipment, insulators, relay targets, etc.

Reference PacifiCorp Maintenance Policy 034 - Substation Inspection Policy and form 3274F-Substation Inspection.

PacifiCorp performed 99.7% of the planned substation equipment inspections in Oregon in CY2024.

INSPECTION AND MAINTENANCE PROGRAMS

BUDGET

Inspection and Maintenance Budget: 2024

Pole Inspect & Treat			ACTUALS	*BUDGET*
Distribution	T&T	515	$2,945,931	$2,924,606
	Detail	520	$313,830	$327,162
Transmission	T&T	843, 883	$384,908	$352,995
	Detail	840, 880	$323,857	$343,859
		Total	**$3,968,526**	**$3,948,622**

Pole Replacements	ACTUALS	*BUDGET*
Distribution	$18,339,393	$10,931,888
Transmission	$8,634,456	$5,313,660
Total	**$26,973,849**	**$16,245,548**

Repair and Replace Facilities		ACTUALS	*BUDGET*
Distribution	**500**, 501, 502, 503, 504,**505**, **509**, **518**, **526**, **527**, **595**, 624,625, 626, 905	$19,173,101	$16,286,443
Transmission	**845**, 847, **846**, 865, **884**,**886**, 848, 889	$653,285	$1,299,797
	Total	**$19,826,386**	**$17,586,240**

Visual Inspections (Includes Equipment Inspections)		ACTUALS	*BUDGET*
Distribution	521	$1,012,226	$933,599
Transmission	841, 881	$513,525	$474,716
	Total	**$1,525,751**	**$1,408,315**

Underground Inspections		ACTUALS	*BUDGET*
Distribution	508	$460,585	$416,605
	Total	**$460,585**	**$416,605**

Substation Maintenance	ACTUALS	*BUDGET*
Distribution Preventative Maintenance	$2,452,404	$2,797,183
Distribution Corrective Maintenance	$1,299,498	$1,201,272
Transmission Preventative Maintenance	$2,779,804	$2,742,000
Transmission Corrective Maintenance	$1,419,659	$1,512,911
Total	**$7,951,365**	**$8,253,367**