PUGET SOUND ENERGY

Ms. Thara Johnson
City of Bellevue
PO Box 90012
Bellevue, WA 98009-9012

July 31, 2025

RE: 2024 Electric Service Reliability Report

Dear Ms. Johnson,

Enclosed please find Puget Sound Energy's Bellevue Electric Reliability Report for calendar year 2024. For the 20th consecutive year, service reliability experienced by Bellevue customers was well above that experienced by all PSE customers in the aggregate. Of the 99 distribution circuits serving Bellevue customers in 2024, 84 circuits had reliability numbers better than the system wide performance (27 circuits experienced no unplanned outages). 15 circuits had SAIDI or SAIFI figures that exceeded the 2024 PSE system wide performance values.

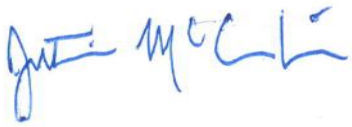
The content for the 2024 report includes:

- Preface summarizing performance metrics reporting
- Overview of Reliability Strategy (new)
- 2020 – 2024 System Average Interruption Duration Index (SAIDI) & System Average Interruption Frequency Index (SAIFI) Five Year History
- 2020 – 2024 SAIDI & SAIFI Five Year History Illustrated
- 2024 Performance for Circuits Serving Bellevue
- Bellevue Circuit Areas Map (new)
- 2024 Outages Summaries for Circuits Serving Bellevue
- 2024 Circuits Serving Bellevue Exceeding PSE SAIDI or SAIFI
- 2020 – 2024 Circuits That Exceeded PSE System SAIDI or SAIFI Five Year Overview
- 2024 City of Bellevue Reliability by Substation (new)
- 2024 Comparison of City of Bellevue vs. PSE Poorest Performing Circuits (new)
- 2024 SAIDI and SAIFI Comparison of City of Bellevue vs PSE Circuits (new)
- 2024 SAIDI and SAIFI 5-Year Trends for City of Bellevue Circuits (new)
- 2024 Outage Events by Circuit list
- 2024 Report Codes Legend
- 2024 Service Quality Report Card

We report PSE system-wide and Bellevue circuit SAIDI and SAIFI values consistent with reporting to the Washington State Utilities & Transportation Commission (WUTC).

Please contact me at (206) 517-3432 or e-mail at *justin.mcconachie@pse.com* to discuss any questions or concerns you may have about the report materials.

Sincerely,



Justin McConachie
Senior Municipal Liaison Manager

CC:

Teun Deuling– City of Bellevue, Community Development
Cassie Davis – City of Bellevue, Franchise Utility Manager
Danielle Anselm-Steinman – PSE, Supervisor Business Services
Matt Larson – PSE, Local Government Affairs & Public Policy Manager
David Landers – PSE, Director Planning
Ryan Lambert – PSE, Manager System Planning

Enclosures

PREFACE TO BELLEVUE ELECTRIC RELIABILITY REPORT FOR 2024

This preface summarizes performance metrics reporting for the 2024 calendar year, consistent with reporting to the Washington Utilities and Transportation Commission (WUTC) using System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI). All SAIDI values in the 2024 report were calculated using the IEEE 1366 methodology summarized below. SAIFI values calculation remains unchanged from past years.

System Average Interruption Duration Index (SAIDI)

Prior to 2010, PSE calculated and reported single year SAIDI values excluding Major Storm event (affecting 5% or more of total PSE electric customers) outages. During the period 2010 - 2015 PSE calculated and reported rolling five–year average SAIDI values (the current year and four preceding years) including *Major Storm* event outages. Eligible outages having durations longer than one minute were included in SAIDI calculations.

In consultation with the WUTC, in 2016 PSE began using the Institute of Electrical and Electronics Engineers (IEEE) Standard 1366 methodology for calculating SAIDI values reported to the WUTC. The IEEE Standard 1366 defines electric power reliability indices and factors that affect their calculations. The switch to the IEEE 1366 methodology returned to calculation of single year SAIDI values excluding outage events occurring on *Major Event Days.* Eligible outages having durations longer than five minutes are included in SAIDI calculations. Detailed discussion of this methodology is contained in PSE's Service Quality and Electric Reliability Report filed with the WUTC. In summary, the IEEE methodology takes this approach:

Major Event – An event, such as a storm, that causes serious reliability performance problems.

Major Event Days – Days when outage events can be excluded from the reliability performance calculation. Types of Major Event Days include:

> **SAIDI Exclusion Major Event Days** – Any day in which the daily system SAIDI exceeds the threshold value for the current year.
>
> **5% Exclusion Major Event Days** – Days that five percent or more of electric customers are experiencing an electric outage during a 24-hour period and subsequent days when the service to those customers is being restored.

SAIDI – System Average Interruption Duration Index – This index is calculated based on the formula:

$$\text{SAIDI} = \frac{\Sigma \textit{Customer Minute Interruptions}}{\textit{Average Annual Electric Customer Count}}$$

SAIDI$_{SQI}$*: The SAIDI values used in this report are calculated with the numerator including customer interruption minutes for outage events longer than five minutes occurring during non-Major Event Days events.

*SQI - Service Quality Index

All SAIDI values in the 2024 report were calculated using the IEEE Standard 1366 methodology.

The SQI performance benchmark for SAIDI is 155 minutes, as set by PSE and the UTC.

System Average Interruption Frequency Index (SAIFI)

Calculation of SAIFI values reported to the WUTC has not changed from past years. SAIFI values are calculated for single years excluding *5% Exclusion Major Event Day* outage events (see above). SAIFI is calculated based on the formula:

$$\text{SAIFI} = \frac{\Sigma \, Number \; of \; Customer \; Interruptions}{Average \; Annual \; Electric \; Customer \; Count}$$

SAIFISQI*: The SAIFI values used in this report are calculated with the numerator including customer interruptions for outage events longer than one minute occurring outside of 5% Exclusion Major Event Days.

*SQI – Service Quality Index

SAIFI values calculation has not changed from past reports.

The SQI performance benchmark for SAIFI is 1.2 outage events, as set by PSE and the UTC.

Momentary & Sustained Interruptions

Interruptions to customer service fall into two designations:

Momentary Interruption— brief loss of power delivery to one or more customers caused by the opening and closing of an interrupting device:

SAIDISQI – any interruption five minutes or shorter

SAIFISQI – any interruption one minute or shorter

Sustained Interruption—any interruption not classified as Momentary (above):

SAIDISQI – any interruption longer than five minutes

SAIFISQI – any interruption longer than one minute

Outage Event Codes

Prior to 2016, PSE used *Storm Codes* to indicate whether an outage occurred during normal conditions (NON), weather event conditions (WTH) or major storm conditions (MAJ). In 2016, Storm Codes were discontinued and replaced with *Event Codes* to incorporate the IEEE designation of Major Event Days:

MEJ – IEEE Major Event Day & Major Storm (5% of customers effected)
MEN – IEEE Major Event Day – non Major Storm
NMJ – Non IEEE Major Event Day, but Major Storm (5% of customers effected)
NON – Non IEEE Major Event Day & non Major Storm

Overview

There are two key aspects of providing safe and reliable service to the City of Bellevue. First is maintaining the energy delivery system by proactively addressing issues that may impact the physical integrity of infrastructure. This includes measures to protect against physical impacts to facilities such as from trees and vegetation, as well as maintaining system components over their lifecycle and planning for their replacement at end of life. The second aspect is system restoration when damage occurs, responding to outages quickly while maintaining the safety of crews and the public. Restoration times may be improved by maintaining adequate access to facilities, which enables personnel to quickly locate and repair damages, and through implementation of smart and flexible technology that minimizes impacts of physical damage by automatically restoring service to unaffected portions of the system and facilitating a prompt response to perform on-site repairs. The following report lays out the proactive measures PSE has taken to reduce outages and improve outage restoration times.

Recognizing system reliability investments are made within a dynamic environment influenced by changing climate, growing loads and evolving technology, PSE implements a comprehensive reliability strategy of actions and improvements focused in the following four areas:

1) Asset Management
2) Vegetation Management
3) Restoration Services
4) Metrics and Analytics

This report provides a discussion of the types of investments and activities in Bellevue that are part of the reliability strategy, followed by an overview of the electric delivery system serving Bellevue and a summary of specific projects implemented and planned in the near term to improve electric service reliability for customers in Bellevue. The report concludes with a summary of system reliability performance metrics for Bellevue, with a comparison to surrounding municipalities and PSE's system-wide performance

PSE's Reliability Strategy

Asset Management

Asset management programs improve reliability by hardening the grid against trees/vegetation and other risks such as wildfire, and by preventing or mitigating equipment failure through cost-effective maintenance and replacement programs. Examples of these programs include:

Cable Remediation Program (CRP) - The CRP is a targeted effort to replace aging direct-buried underground cables. The program targets cables that have experienced failures resulting in reduced reliability for customers, as well as proactively replaces cables that are likely to cause outages in the future based on trends in performance. This program incorporates historic outages, aging infrastructure, customer concerns, and knowledge from the field to prioritize cable replacements in the electrical distribution system.

Pole Inspections and Remediation - In 2019, PSE completed a ten-year inspection and remediation cycle of all transmission poles but had inspected only 24 percent of distribution poles operating on a 30-year inspection and remediation cycle. PSE reviewed this plan against industry best practices and moved to performing pole inspection of transmission and distribution infrastructure on a ten-year cycle. An inspection cycle is now maintained for the full population of poles and avoids accumulation of backlog.

seconds to most customers, resulting in a smaller number of customers who experience a sustained outage in a faulted area. Also, by isolating the fault to the smallest section possible, electric crews are able to more quickly locate trouble spots, leading to reduced outage times for customers within a faulted area. As discussed later in this report, new distribution automation installations are planned for implementation in Bellevue, along with multiple installations of "fusesavers" that reduce the total number of customers impacted by an outage.

Restoration Services

Expedient operational actions, aided and informed by grid management systems and operational technology, are an essential component of maintaining and improving reliability performance. PSE's reliability strategy includes continuous improvement efforts to shorten response and recovery times when outages occur. Examples of these efforts include:

Root Cause Analysis – This program digs deeper into the causes of large and/or recurring events and identifies potential future risks to reliability that can be mitigated through system investments and/or operational improvements. Through a monthly reliability performance review meeting attended by executive leadership and personnel from operations, engineering, system planning and other teams across PSE, input to reliability programs and investments is received and operational adjustments are made in response to changing circumstances.

ADMS Advanced Apps – In 2024 PSE deployed an Advanced Distribution Management System (ADMS) that is enabling three capabilities: Supervisory Control & Data Acquisition (SCADA), Outage Management System (OMS) and Advanced Applications. Advanced Applications currently under development will enable enhanced automation capabilities such as Fault Location, Isolation, & Service Restoration (FLISR) to provide self-healing capabilities to the grid by automatically re-routing power from alternative energized back up sources during an outage event.

Metrics and Analytics

While used as an industry standard for monitoring performance trends in reliability over time, SAIDI is not perfect and may vary significantly from one measurement period to the next due to events that are random in nature, such as weather of varying extremes and motor vehicle accidents inflicting damage on electric system infrastructure. Due to significant variability from year-to-year in reported SAIDI performance, PSE utilizes additional metrics and analysis tools internally to inform planning of investments and programs to improve service reliability. These tools include:

- Delivery System Scorecard – developed in 2023 to incorporate system performance parameters and energy equity considerations into a holistic view, this tool supports needs identification and geospatial awareness to inform system planning decisions that ensure desired levels of benefit are provided to named communities.
- Outage KPIs Dashboard – provides visualization of SAIDI, SAIFI, and Customer Minutes Interrupted (CMI) by different characteristics to enable system planners to more thoroughly understand reliability issues and develop projects that will most effectively address the reliability need.
- SAIDI/SAIFI Real Time Summary Dashboard - shows SAIDI and SAIFI performance in real time and is used on a frequent basis, including at the monthly reliability review and root cause analysis meetings mentioned above.

These analysis tools, and additional metrics or methods deployed as a part of PSE's continuous improvement efforts, inform both operational actions and the planning of system investments for improved reliability.

BELLEVUE ELECTRIC RELIABILITY REPORT FOR 2024

This report summarizes electric service reliability for customers within the City of Bellevue for calendar year 2024. For the 20th consecutive year, service reliability as measured by SAIDI & SAIFI for Bellevue customers was well above that experienced by all PSE customers in the aggregate. Of the 99 distribution circuits serving Bellevue customers in 2024, 84 circuits had reliability numbers better than the system wide performance (27 circuits experienced no unplanned outages). 15 circuits had SAIDI and/or SAIFI figures that exceeded 2024 system wide performance values.

SYSTEM AVERAGE INTERRUPTION DURATION INDEX (SAIDI)
SYSTEM AVERAGE INTERRUPTION FREQUENCY INDEX (SAIFI)
FIVE YEAR HISTORY

PSE analyzes and reports on the performance of its distribution circuits using two standard benchmarks of the electric utility industry, SAIDI and SAIFI.

	SAIDI		SAIFI	
	BELLEVUE	**PSE**	**BELLEVUE**	**PSE**
2020	93.0	165.0	0.92	1.24
2021	111.0	207.0	0.65	1.35
2022	58.2	181.0	0.37	1.06
2023	98.9	167.0	0.63	1.09
2024	117.4	203.0	0.60	1.22

SAIDI figures in minutes per customer calculated using the IEEE 1366 method

SAIFI figures in outage events per customer

$SAIDI_{IEEE}$: The System Average Interruption Duration Index is a measure of how long the average customer is out of service during the year, and is determined as:

$$\frac{\textit{Sum of the customer outage minutes}}{\textit{Total number of customers served}}$$

SAIDI figures are single year figures excluding outages that exceed the annual adjusted Major Event Day Threshold

Some customers will experience more outage minutes than the average and some fewer.

SAIFI: The System Average Interruption Frequency Index is a measure of how often the average customer in an area is out of service during a year, and is determined as:

$$\frac{\textit{Sum of the number of customers affected by each outage}}{\textit{Total number of customers served}}$$

SAIFI figures are single year figures excluding outages that exceed the annual adjusted Major Event Day Threshold

Some customers will experience more outages than the average and some fewer.

Vegetation Management

The prevention of vegetation outages is primarily achieved through two measures: 1) grid hardening to reduce exposure of the delivery system to the effects of falling limbs and trees, and 2) vegetation management (e.g. tree trimming) to reduce the likelihood of trees/vegetation contacting delivery system infrastructure. A third measure, system automation, does not prevent vegetation impacts to the system but can be effective in reducing the impact of vegetation related outages on customer service reliability. PSE deploys all of these strategies to reduce the impact of vegetation on system reliability performance.

Grid Hardening - Key grid hardening measures that improve the delivery system's resiliency to impacts of trees/vegetation are targeted undergrounding and the upgrade of overhead conductor to covered "tree wire" that is less prone to faults when contacted by falling branches and limbs:

Tree Wire - A large population of trees exists in PSE's service area and Bellevue is no exception. The effects of the Pacific Northwest's favorable growing conditions and weather patterns that include frequent wind, heavy rain, and icy conditions create a challenging environment. Even with vegetation management programs in operation, limbs and branches from outside the trimmable right-of-way often fall into or are blown across overhead conductors, resulting in circuit faults and outages. Tree wire, which is a coated overhead conductor, helps reduce the frequency of overhead distribution line outages during storm conditions when smaller tree limbs and branches contact overhead lines.

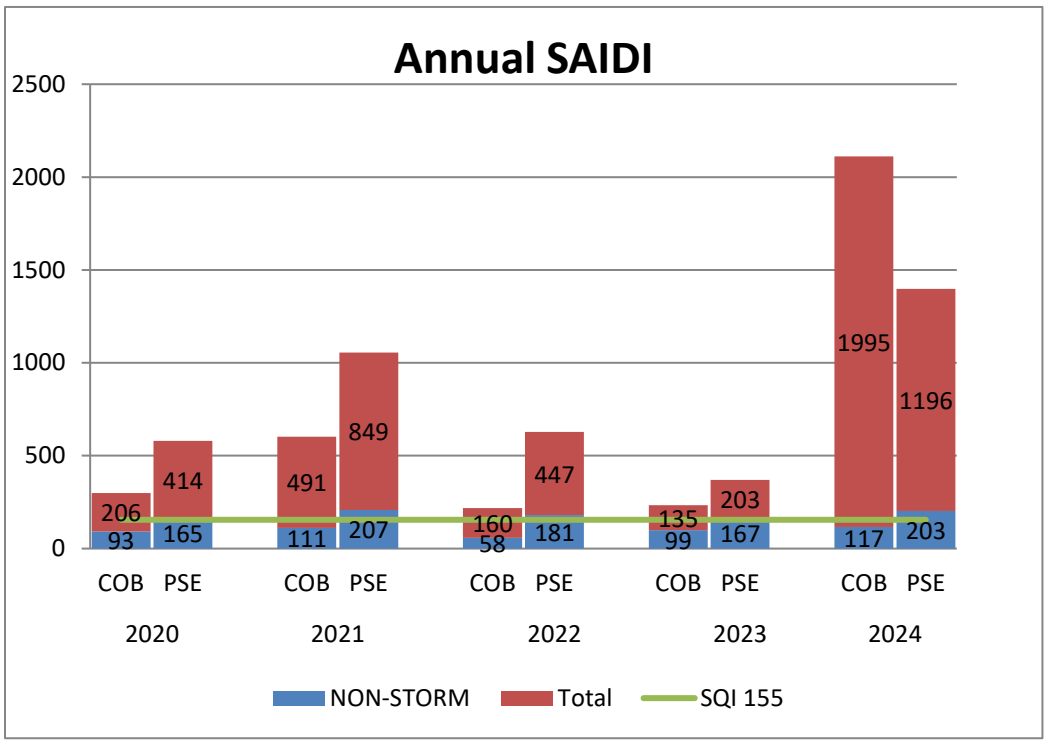
Targeted Undergrounding - Converting overhead lines to underground is dictated by tariffs overseen by the Washington Utilities and Transportation Commission. While undergrounding removes the issue of falling trees and branches, underground power lines present their own set of challenges and community concerns:

- Trees and vegetation in the location of installation must be uprooted and removed to enable burial of the underground cable, conduit and associated vaults and equipment;
- Moisture, corrosion and other stresses make buried cable vulnerable to its own unique category of failures over time;
- Power outages can be dramatically longer because of the time it takes to locate, excavate and repair underground faults; and
- Construction of underground cable electric distribution costs many times more than equivalent capacity overhead lines.

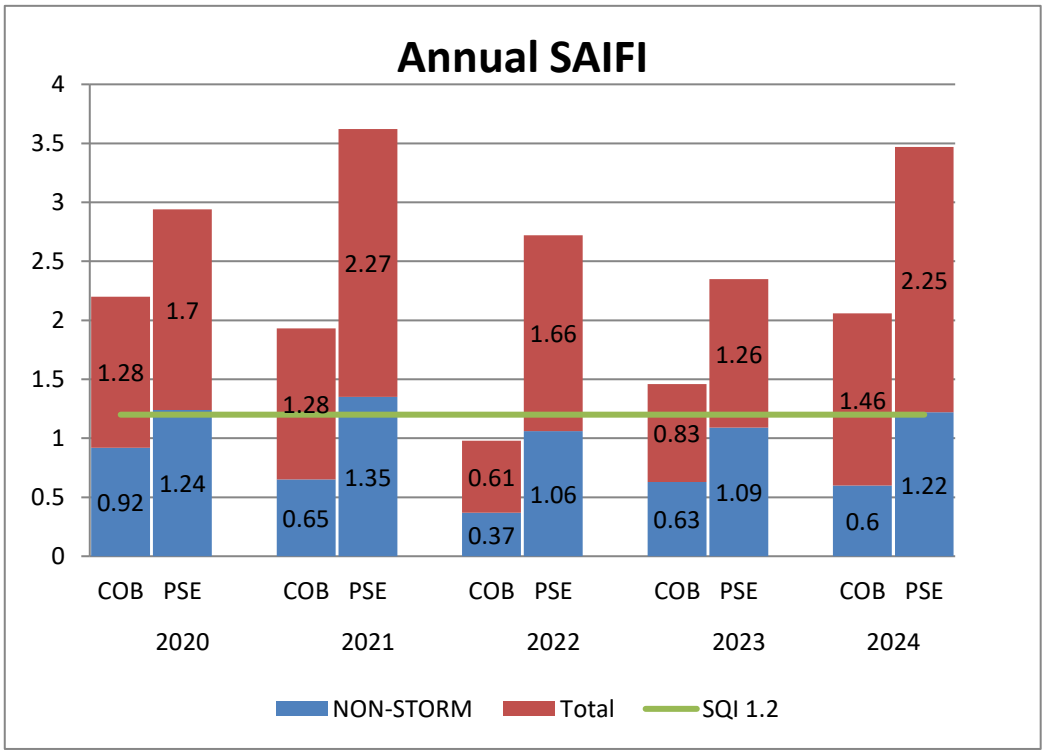
Vegetation Management - A proactive cyclical vegetation management program helps reduce unplanned outages on both windy and clear sky days. Falling branches and trees can bring down poles and power lines impacting local and regional reliability as well as local safe access. In certain situations, even limbs that simply come in contact with power lines can cause a major power outage. We make every effort to let trees grow naturally, but trees and branches within a 12-foot radius of power lines typically need to be addressed by trimming or removal. For "at risk" trees outside this radius and on private property, our certified arborists work with communities and property owners to trim or remove these potentially dangerous trees. To offset tree removal and trimming, we devote about $500,000 each year to planting new trees. PSE is also a Tree Line USA award recipient from the National Arbor Day Foundation – an honor we have proudly held for 25 consecutive years.

System Automation - While automation does not reduce the risk of trees/vegetation causing physical damage to the delivery system, the use of sensors to locate faults and automatically operate switches to isolate faulted sections and restore power to the non-faulted sections can significantly reduce the impacts of trees/vegetation on customer reliability experience. This results in restoring power within

SYSTEM AVERAGE INTERRUPTION DURATION INDEX (SAIDI)
SYSTEM AVERAGE INTERRUPTION FREQUENCY INDEX (SAIFI)
FIVE YEAR HISTORY



Values in minutes for all years calculated using IEEE 1366 method



Values in outage events for all years

2024 PERFORMANCE FOR CIRCUITS SERVING BELLEVUE
EXCLUDING STORM OUTAGES

CIRCUIT	CUSTOMERS (METERS)	UNPLANNED OUTAGES[1]	OUTAGE MINUTES[1]	SAIDI[2]	SAIFI[2]	
	2024 PSE Companywide performance figures			*203*	*1.22*	
ARD-11	234	1	8756	37.42	0.30	
ARD-13	865	2	171	3.45	0.10	
ARD-14	241	0	0	0.23	0.01	
ARD-15	1,928	2	29,937	15.53	0.10	
ARD-43	1,066	0	0	6.49	0.02	
BTR-14	1,137	6	84,266	74.11	0.24	
BTR-21	1,138	7	472,276	418.47	0.84	
BTR-22	687	10	166,787	247.34	1.06	
BTR-23	643	0	0	0.00	0.00	
CEN-11	32	0	0	0.00	0.00	
CEN-12	300	0	0	0.00	0.00	
CEN-13	240	0	0	49.38	1.01	
CEN-14	12	0	0	0.00	0.00	
CEN-22	596	0	0	5.65	0.01	
CEN-25	1,142	3	4,870	4.26	0.07	
CLY-22	357	0	0	6.23	0.14	
CLY-23	547	8	38,658	73.66	0.35	
CLY-25	1,701	2	46,645	27.42	0.12	
CLY-26	1,398	4	2,922	4.02	0.02	
CLY-27	791	7	6,474	8.20	0.04	3
COL-22	2	0	0	0.00	0.00	
COL-23	71	3	12,287	173.06	0.42	
COL-24	21	0	0	0.00	0.00	
COL-25	239	1	12,574	52.61	0.11	
COL-26	1,984	17	177,658	90.36	0.53	
EGT-11	1,251	12	56,783	46.81	0.16	
EGT-12	1,803	5	40,219	23.12	0.12	
EGT-13	7	0	0	0.00	0.00	
EGT-15	269	2	30,127	115.52	0.42	
EGT-16	552	8	63,656	135.84	0.39	
EGT-25	1,235	13	619,860	504.28	4.93	
EGT-26	30	0	0	0.00	0.00	
EGT-27	580	2	237	13.05	0.06	
EGT-28	1,776	22	108,861	62.74	0.27	3
EVE-23	2,980	24	465,868	156.53	0.53	
FAC-12	1,268	7	2,026	1.60	0.01	
FAC-13	551	1	256	1.19	0.02	
FAC-14	478	0	0	0.00	0.00	
FAC-21	98	0	0	3.51	0.05	
FAC-23	410	0	0	6.81	0.02	
FAC-24	87	1	13,778	158.37	0.34	
FAC-25	1,498	5	24,534	23.69	0.15	
GOO-13	2,269	8	225,748	99.69	1.04	
HAZ-12	3,367	21	590,556	176.59	1.14	3
HAZ-13	1,261	11	82,584	68.91	0.39	
HOU-23	1,188	11	265,362	223.37	1.73	3
HOU-25	649	12	98,683	152.66	1.61	3
KWH-22	1,257	8	42,230	45.72	0.22	
KWH-23	923	12	240,655	263.65	0.65	
KWH-25	1,664	21	31,789	19.20	0.11	
KWH-26	378	8	29,388	77.75	0.46	
LHL-22	1,017	13	373,489	367.97	0.63	
LHL-23	1,388	3	39,029	28.60	0.17	
LHL-25	2,523	11	56,778	33.70	0.12	
LHL-26	549	7	15,298	29.28	0.32	
LOC-20	13	0	0	0.00	0.00	

CIRCUIT	CUSTOMERS (METERS)	UNPLANNED OUTAGES[1]	OUTAGE MINUTES[1]	SAIDI[2]	SAIFI[2]	
LOC-22	2,840	1	12,788	7.48	0.02	
LOC-23	1,749	0	0	0.00	0.00	
LOC-24	49	0	0	229.04	1.88	
LOC-25	153	0	0	0.00	0.00	
LOC-32	231	0	0	0.00	0.00	
LOC-33	305	0	0	2.22	0.01	
LOC-34	414	0	0	1.93	0.01	
LOC-35	22	0	0	527.23	0.73	
MED-35	190	6	14,421	77.04	0.69	
MED-36	682	5	157,437	232.75	0.86	
MLK-12	432	3	10,138	37.11	0.34	
MLK-13	1,444	10	90,941	70.68	0.45	
MLK-15	1,631	4	6,584	11.77	0.10	
MLK-16	1,613	13	156,915	97.37	0.19	
NOB-10	4	0	0	0.00	0.00	
NOB-11	63	0	0	0.00	0.00	
NOB-12	553	2	98,062	177.33	1.16	
NOB-13	17	0	0	39.88	0.18	
NOB-14	1,041	0	0	0.81	0.00	
NOB-21	5	1	2,329	495.80	0.40	
NOB-22	151	1	1,181	11.87	0.05	
NOB-23	966	1	2,320	2.40	0.02	
NOB-24	1,016	5	18,105	20.32	0.07	
NRU-14	19	0	0	175.42	0.53	
NRU-23	689	11	28,909	42.41	0.17	
NRU-25	819	2	3,054	5.71	0.02	
NRU-26	998	1	772	22.78	0.20	
NRU-27	785	4	8,695	140.99	0.62	
OVE-12	596	11	63,182	118.47	1.19	
OVE-15	759	8	205,060	275.40	0.92	
PHA-13	1,056	12	38,072	40.66	0.12	
PHA-15	179	1	543	34.61	0.12	
PHA-16	2,087	17	487,080	235.46	1.27	
PHA-17	711	9	41,543	61.65	0.34	
ROS-13	846	0	0	24.75	0.12	
SBE-22	429	5	7,486	38.09	0.21	
SBE-23	65	0	0	3.02	0.03	
SBE-25	648	1	3,604	50.38	0.30	
SBE-26	1,878	23	342,723	184.14	0.53	
SOM-13	2,315	23	536,887	239.53	1.49	3
SOM-15	1,739	12	300,225	172.66	1.01	3
SOM-16	2,527	26	2,087,937	892.18	3.77	3
SOM-17	1,794	7	312,400	174.94	1.04	3
Scheduled Outages		166	755,826			
Unscheduled Outages		546	9,621,468			
Totals	87,201	712	10,377,294			

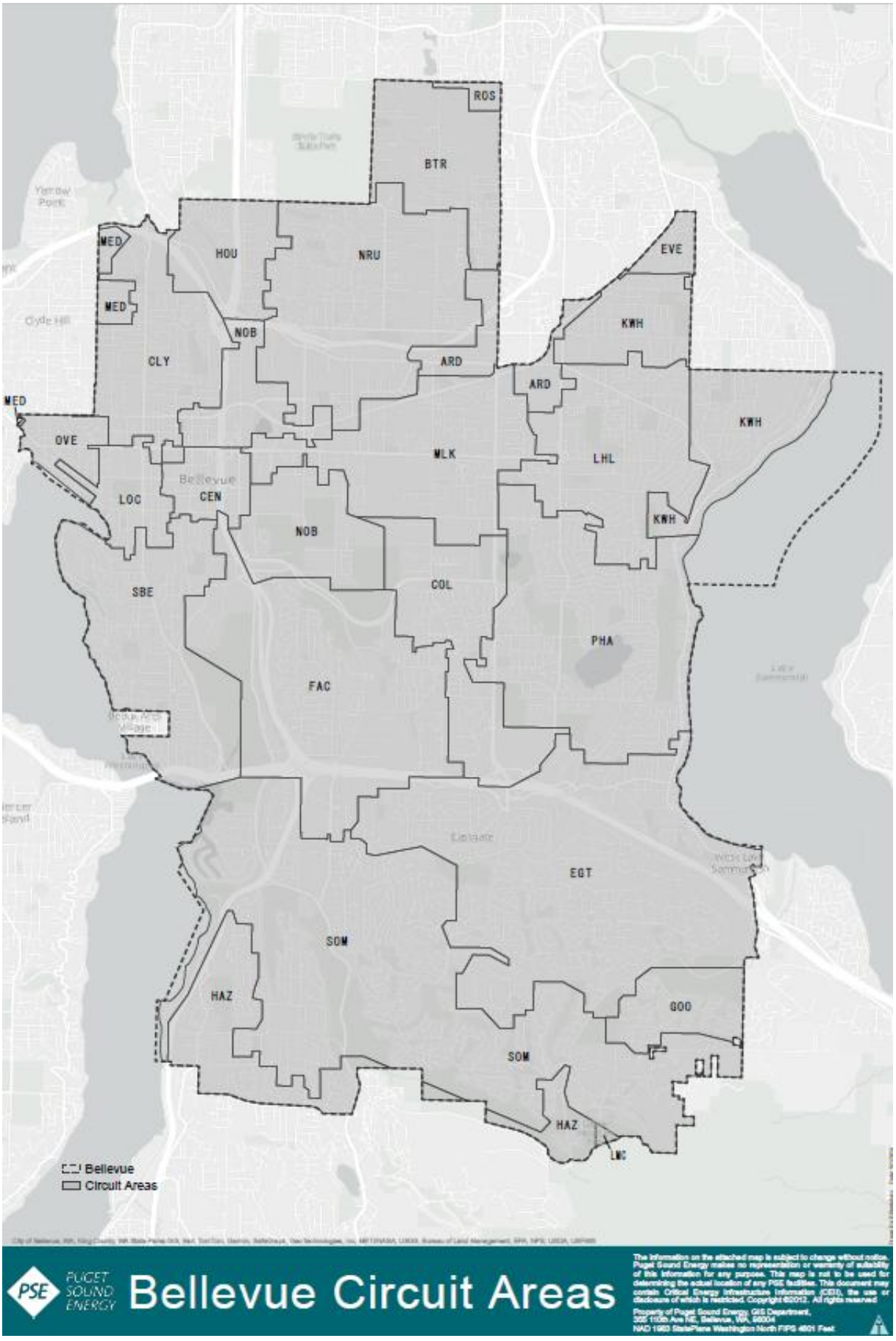
Notes

1 Figures exclude Major Event Day and Major Storm outages.

2 SAIDI & SAIFI are 2024 single year figures calculated using the IEEE 1366

3 Includes one circuit outage resulting from transmission line outage.

The general locations of each of these circuits can be identified using the Circuit Areas Map below.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Circuit Areas
PUGET SOUND ENERGY
Bellevue Circuit Areas
The information on the attached map is subject to change without notice. Puget Sound Energy makes no representation or warranty of suitability of this information for any purpose. This map is not to be used for determining the actual location of any PSE facilities. This document may contain Critical Energy Infrastructure Information (CEII), the use or disclosure of which is restricted. Copyright ©2012. All rights reserved
Property of Puget Sound Energy, GIS Department,
NAD 1983 StatePlane Washington North FIPS 4601 Feet

2024 OUTAGES FOR CIRCUITS SERVING BELLEVUE

EXCLUDING STORM OUTAGES

BY CAUSE

CAUSE CODE	CAUSE DESCRIPTION	OUTAGES		OUTAGE MINUTES	
		COUNT	PERCENT	COUNT	PERCENT
AC	ACCIDENT	7	1.0%	18,962	0.2%
AV	ACCIDENT/VANDALISM NOT RESULTING IN DC	1	0.1%	898	0.0%
BA	BIRD OR ANIMAL	50	6.9%	246,230	2.4%
CE	CUSTOMER EQUIPMENT	1	0.1%	943	0.0%
CP	CAR/EQUIP ACCIDENT	6	0.8%	105,929	1.0%
CR	CUSTOMER REQUEST	1	0.1%	3,143	0.0%
DU	DIG UP UNDERGROUND	15	2.1%	88,325	0.9%
EF	EQUIPMENT FAILURE	297	41.0%	1,966,893	19.2%
FI	FAULTY INSTALLATION	7	1.0%	7,110	0.1%
LI	LIGHTNING	5	0.7%	4,981	0.0%
ND	NATURAL DISASTER	2	0.3%	2,829	0.0%
OD	OUTSIDE UTILITY SOURCE	1	0.1%	2,345	0.0%
OE	OUTAGE WHILE WORKING	1	0.1%	990	0.0%
SO	SCHEDULED OUTAGE	162	22.4%	570,310	5.6%
TV	TREE - RIGHT OF WAY UNKNOWN	141	19.5%	5,247,384	51.2%
UN	UNKNOWN CAUSE	24	3.3%	1,966,912	19.2%
VA	VANDALISM	3	0.4%	7332	0.1%
	Totals	724	100%	10,241,516	100%

BY EQUIPMENT

EQUIP CODE	EQUIPMENT DESCRIPTION	OUTAGES		OUTAGE MINUTES	
		COUNT	PERCENT	COUNT	PERCENT
ACE	ALL CUSTOMER EQUIPMENT	12	1.7%	16,612	0.2%
FSV	FUSESAVER	1	0.1%	15,050	0.1%
OAR	OVERHEAD ARRESTER	3	0.4%	209,220	2.0%
OCN	OVERHEAD SECONDARY CONNECTOR	12	1.7%	3,103	0.0%
OCO	OVERHEAD CONDUCTOR	96	13.3%	4,734,789	46.2%
OCR	OVERHEAD CROSSARM	12	1.7%	697,783	6.8%
OFC	OVERHEAD CUT-OUT	3	0.4%	67,301	0.7%
OFU	OVERHEAD LINE FUSE / FUSE LINK	29	4.0%	271,727	2.7%
OHR	OVERHEAD RECLOSER	2	0.3%	3,617	0.0%
OIN	OVERHEAD INSULATOR	19	2.6%	2,010,815	19.6%
OJU	OVERHEAD JUMPER WIRE	1	0.1%	14,955	0.1%
OMP	OVERHEAD METER POINT	4	0.6%	553	0.0%
OPO	OVERHEAD POLE	34	4.7%	242,707	2.4%
OSV	OVERHEAD SERVICE	33	4.6%	39,540	0.4%
OSW	OVERHEAD SWITCH	13	1.8%	79,053	0.8%
OTF	OVERHEAD TRANSFORMER FUSE	55	7.6%	43,491	0.4%
OTR	OVERHEAD TRANSFORMER	52	7.2%	134,978	1.3%
PMP	PADMOUNT METER POINT	1	0.1%	81	0.0%
SPT	STATION POWER TRANSFORMER	2	0.3%	91,706	0.9%
UEL	UNDERGROUND ELBOW	18	2.5%	195,962	1.9%
UFJ	UNDERGROUND J-BOX	12	1.7%	99,529	1.0%
UGF	UNDERGROUND SUBMERSIBLE FUSE	2	0.3%	12,360	0.1%
UGV	UNDERGROUND VAULT	3	0.4%	14,004	0.1%
UHH	UNDERGROUND HANDHOLE - SECONDARY	31	4.3%	22,557	0.2%
UMP	UNDERGROUND METER POINT	4	0.6%	975	0.0%
UOT	UNDERGROUND OUTDOOR TERMINATION	15	2.1%	93,284	0.9%
UPC	UNDERGROUND PRIMARY CABLE	72	9.9%	779,737	7.6%
UPS	UNDERGROUND PADMOUNT SWITCH	9	1.2%	119,216	1.2%
UPT	UNDERGROUND PADMOUNT TRANSFORMER	34	4.7%	90,552	0.9%
USC	UNDERGROUND SECONDARY CABLE	29	4.0%	25,670	0.3%
USV	UNDERGROUND SERVICE	80	11.0%	42,227	0.4%
UTR	UNDERGROUND TRANSFORMER	31	4.3%	68,362	0.7%
	Totals	724	100%	10,241,516	100%

CIRCUITS THAT EXCEED 2024 PSE SYSTEM SAIDI AND/OR SAIFI SQI: SAIDI = 155 SAIFI = 1.20 PSE: SAIDI = 203 SAIFI = 1.22 BELLEVUE: SAIDI = 117 SAIFI = 0.60			***Notes:*** *SAIDI figures reflect all non-med, scheduled & unscheduled* *SAIFI figures reflect all non-med, scheduled & unscheduled*		
CIRCUIT	**SAIDI**	**SAIFI**	**2024 Events Comments**	**Actions & Projects Completed in 2024**	**Planned Actions & Projects**
Circuits with planned actions or investigations					
SOM-16	892.18	3.77	One transmission outage involving a failed overhead insulator contributed 390.37 to SAIDI and 2.01 to SAIFI. Three outages related to trees/vegetation in overhead primary contributed 371.79 to SAIDI and 1.15 to SAIFI.	Failed overhead insulator was replaced. And tree/ vegetation were removed and overhead conductors were repaired.	A distribution automation scheme is currently in engineering, and planned to go into construction in 2025. A cable replacement project is scheduled for construction and will be completed in 2025. Vegetation Managment last trimmed this distribution circuit in 2021, with 1,529 trees being trimmed. The next scheduled trim will be in 2026.
LOC-35	527.23	0.73	One scheduled outage contributed 397.86 to SAIDI.	The scheduled outage was taken in order to upgrade a customer's service transformer.	
EGT-25	504.28	4.93	Three outages releated to trees/vegation in overhead primary contributed 291.6 to SAIDI and 3.5 to SAIFI. One outage related to a failed overhead conductor contributed 171.67 to SAIDI and 0.40 to SAIFI.	Tree/ Vegetation were removed and overhead conductors were repaired.	A distribution automation scheme has been planned and estimated for 2027. Vegetation Managment last trimmed this distribution circuit in 2018, with 889 trees being trimmed. The next scheduled trim will be in 2025.
NOB-21	495.80	0.40	One outage related to failed UG primary equipment (transformer) contributed 465.8 to SAIDI.	Failed transformer was replaced.	
BTR-21	418.47	0.84	One outage related to trees/vegetation in overhead primary contributed 324 to SAIDI.	Tree/ vegetation were removed from the overhead primary and power restored.	A cable remediation project is planned for 2027. Vegetation Managment last trimmed this distribution circuit in 2019, with 711 trees being trimmed. The next scheduled trim will be in 2025-2026.
LHL-22	367.97	0.63	One outage related to trees/vegetation in overhead primary contributed 327.96 to SAIDI.	Tree/ vegetation were removed from the overhead primary and power restored.	Two fusesaver installation are currently being evaluated and planned to be installed in 2027. A cable remediation project is planned for 2027. Vegetation Managment last trimmed this distribution circuit in 2020, with 818 trees being trimmed. The next scheduled trim will be in 2025-2026.
OVE-15	275.40	0.92	One outage related to tree/vegetation in overhead primary contributed 206.84 to SAIDI.	Tree/ vegetation were removed from the overhead primary and power restored.	A cable remediation project is planned for 2026. Recloser installation near the intersection of NE 10th St and Washington Blvd NE is being engineered, planned for construction in 2026. Vegetation Managment last trimmed this distribution circuit in 2020, with 787 trees being trimmed. The next scheduled trim will be in 2025-2026.
KWH-23	263.65	0.65	One outage related to tree/vegetation in overhead primary contributed 228 to SAIDI.	Tree/ vegetation were removed from the overhead primary and power restored.	A fusesaver installation is currently being evaluated and planned for 2025. Two cable remediation projects are planned, one is currently under construction and planned to be completed in 2025 and the other is planned for 2027. Three Recloser installations near West Lake Sammmish and Northrup are being engineered and are all planned to go into construction in 2025. Vegetation Managment last trimmed this distribution circuit in 2018, with 456 trees being trimmed. The next scheduled trim will be in 2025.
BTR-22	247.34	1.06	One outage related to a tree falling through overhead primary feeder contributed 224.18 to SAIDI.	Tree/ Vegetation were removed and overhead conductors were repaired.	An overhead to underground conversion project is currently in engineering, new updates to the project has been added to the scope to install a new feeder tie in order to help with reliability and resiliency and planned to go into construction in 2027. Vegetation Managment last trimmed this distribution circuit in 2019, with 989 trees being trimmed and 4 trees removed. The next scheduled trim will be in 2025-2026.
SOM-13	239.53	1.49	One transmission outage involving a failed overhead insulator contributed 171.91 to SAIDI and 1.01 to SAIFI.	The failed overhead insulator was replaced.	Two cable remediation projects are planned for 2027.
PHA-16	235.46	1.27	Two outages related to tree limbs in overhead primary contributed 210.43 to SAIDI and 1.18 to SAIFI.	Tree/ vegetation were removed from the overhead primary and power restored.	A fusesaver installation is currently being evaluated and planned for 2026. Vegetation Managment last trimmed this distribution circuit in 2018, with 998 trees being trimmed and 5 trees removed. The next scheduled trim will be in 2025.
MED-36	232.75	*0.86*	One outage related to trees/vegetation in overhead primary contributed 219.75 to SAIDI.	Tree/ vegetation were removed from the overhead primary and power restored.	A cable remediation project is planned for 2027. Vegetation Managment last trimmed this distribution circuit in 2020, with 514 trees being trimmed. The next scheduled trim will be in 2025-2026.
LOC-24	229.04	1.88	One outage involving failed underground primary equipment (elbow) contributed all SAIDI and SAIFI.	The failed underground equipment was replaced.	
HOU-23	223.37	1.73	One outage related to trees/vegetations in overhead transmission lines contributed 133.23 to SAIDI and 0.83 to SAIFI.	Tree/ vegetation were removed from the overhead transmission line and power restored.	A fusesaver installation is currently being evaluated and planned for 2025. A cable remediation project is planned for 2026. Vegetation Managment last trimmed this distribution circuit in 2019, with 193 trees being trimmed. The next scheduled trim will be in 2025-2026.
SBE-26	184.14	0.53	One outage releated to a tree falling into overhead primary contributed 67.75 SAIDI.	Tree/ Vegetation were removed and overhead conductors were repaired.	A fusesaver installation is currently being evaluated and planned for 2027. A cable remediation project is planned for 2025. Vegetation Managment last trimmed this distribution circuit in 2018, with 1,141 trees being trimmed. The next scheduled trim will be in 2025.
NOB-12	177.33	1.16	One outage related to failed UG primary equipment (Padmount Switch) contributed 176.48 to SAIDI.	The failed underground switch was replaced.	A distribution automation scheme is currently in engineering, and planned to go into construction in 2025. Vegetation Managment last trimmed this distribution circuit in 2018, with 12 trees being trimmed. The next scheduled trim will be in 2025.
HAZ-12	176.59	1.14	One outage related to a tree falling through overhead primary feeder contributed 99.30 to SAIDI.	Tree/ Vegetation were removed and overhead conductors were repaired.	A fusesaver installation is currently being evaluated and planned for 2025. Vegetation Managment last trimmed this distribution circuit in 2020, with 845 trees being trimmed. The next scheduled trim will be in 2025-2026.
NRU-14	175.42	0.53	One outage related to a failed underground primary cable contributed all SAIDI.	The failed underground cable was replaced.	
SOM-17	174.94	1.04	One transmission outage involving a failed overhead insulator contributed 171.78 to SAIDI.	The failed overhead insulator was replaced.	A fusesaver installation is currently being evaluated and planned for 2025.A distribution automation scheme is currently in engineering, and planned to go into construction in 2025.
COL-23	173.06	0.42	Three outages related to failed UG primary equipment contributed all SAIDI.	The failed underground equipment was replaced.	
SOM-15	172.66	1.01	One transmission outage involving a failed overhead insulator contributed 170.58 to SAIDI.	The failed overhead insulator was replaced.	Nine cable remediation projects are planned for 2027.
FAC-24	158.37	0.34	One outage related to failed UG primary equipment (j-box, elbows) contributed all SAIDI.	The failed underground equipment was replaced.	A root cause analysis was conducted due to multiple failures at the same j-box. It was determined that there was overheating at one of the connectors (elbows) and it was preemptively replaced.
EVE-23	156.53	0.53	One outage related to a tree falling into overhead primary contributed 64.78 to SAIDI.	Tree/ vegetation were removed from the overhead primary and power restored.	A cable remediation project is planned for 2027. Recloser installation near the intersection of 172nd Ave NE and NE 40th St is being engineered, planned for construction in 2026. Vegetation Managment last trimmed this distribution circuit in 2018, with 859 trees being trimmed. The next scheduled trim will be in 2025.
HOU-25	152.7	1.61	One outage related to trees/vegetations in overhead transmission lines contributed 0.83 to SAIFI.	Tree/ vegetation were removed from the overhead transmission line and power restored.	Vegetation Managment last trimmed this distribution circuit in 2019, with 1,221 trees being trimmed. The next scheduled trim will be in 2025-2026.
Circuits with completed 2023 actions - no additional corrective action needed					
Circuits for which no corrective action is needed					

Figure exceeded Service Quality Index

Figure exceeded system wide average

Figure exceeding system wide average and Service Qaulity Index

CIRCUITS THAT EXCEEDED PSE SYSTEM SAIDI OR SAIFI
2020 - 2024

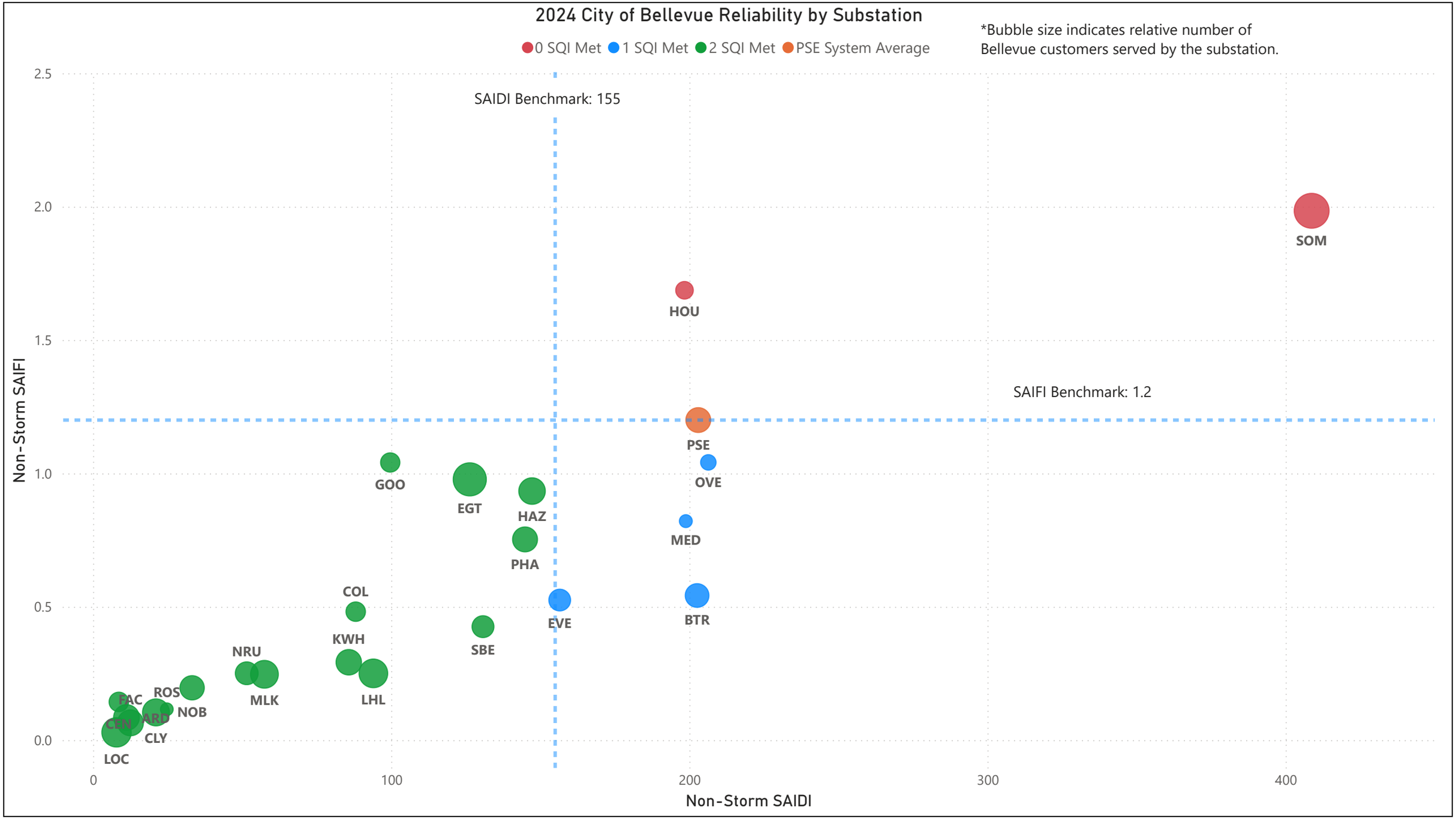
During the five year period 2020-2024 these circuits serving customers in Bellevue performed below PSE's average system wide performance in one or more years. Of these circuits...

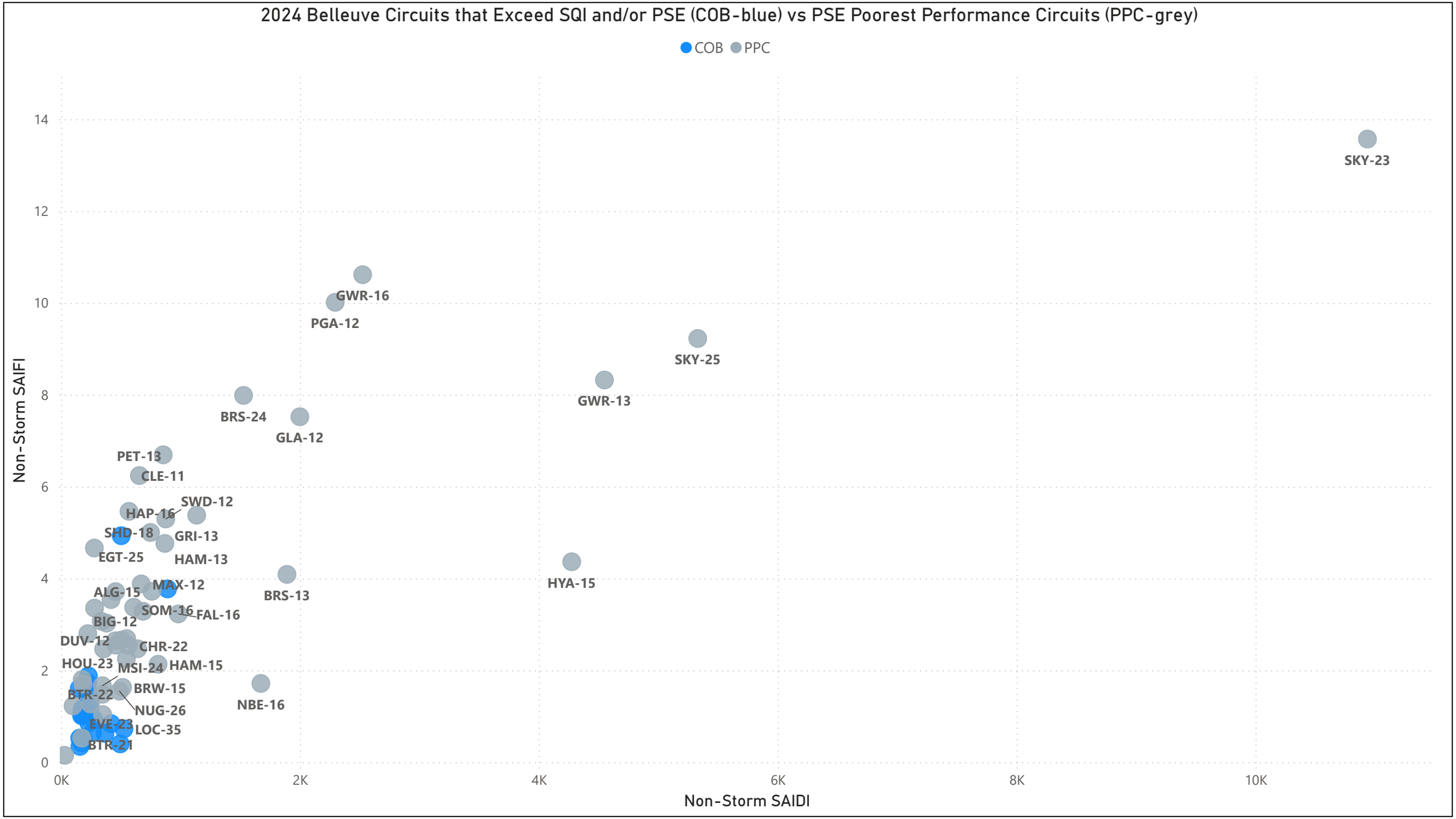
33 (57%) circuits performed below system wide performance once in five years
17 (29%) circuits performed below system wide performance twice in five years
7 (12%) circuits performed below system wide performance in three of the five years
0 (0%) circuits performed below system wide performance in four of the five years
1 (2%) circuit performed below system wide performance in five of the five years

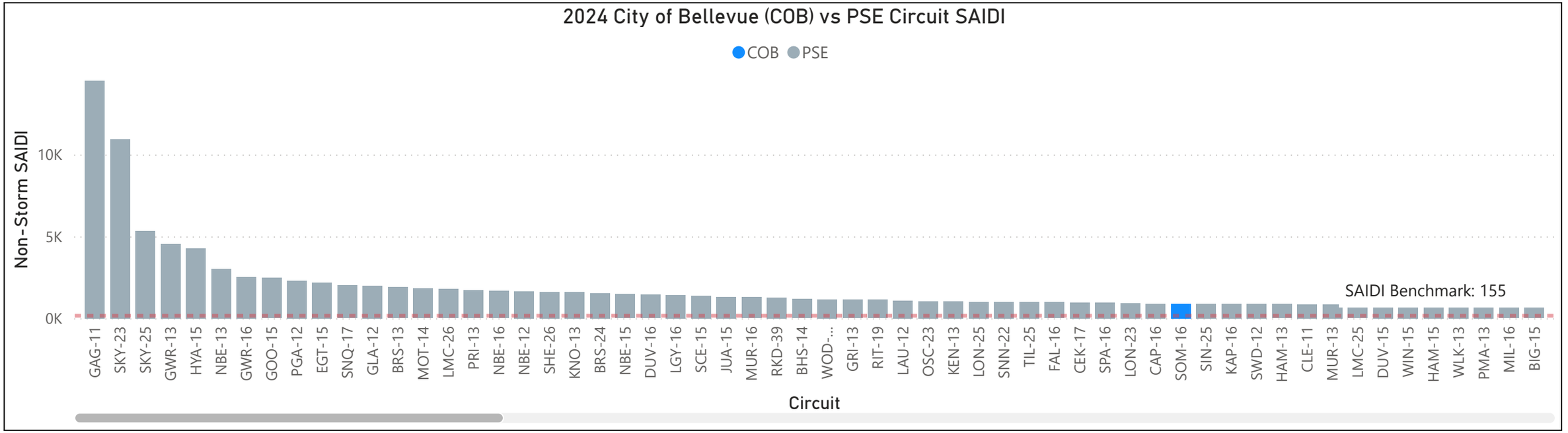
						Repeat Counts				
CIRCUIT	2020	2021	2022	2023	2024	1	2	3	4	5
ARD-13							2			
ARD-15							2			
BTR-21								3		
BTR-22										5
BTR-23							2			
CEN-11						1				
CEN-25						1				
COL-23							2			
COL-25										
COL-26						1				
EGT-11							2			
EGT-12							2			
EGT-13						1				
EGT-15						1				
EGT-16						1				
EGT-25								3		
EGT-28						1				
EVE-23						1				
FAC-12						1				
FAC-13						1				
FAC-24						1				
FAC-25								3		
GOO-13						1				
GOO-21							2			
HAZ-12						1				
HAZ-13						1				
HOU-23							2			
HOU-25							2			
KWH-22							2			
KWH-23							2			
KWH-25						1				
LHL-22							2			
LHL-23						1				
LHL-25						1				
LOC-24						1				
LOC-33							2			
LOC-35								3		
MED-35						1				
MED-36						1				
MLK-12						1				
MLK-15						1				

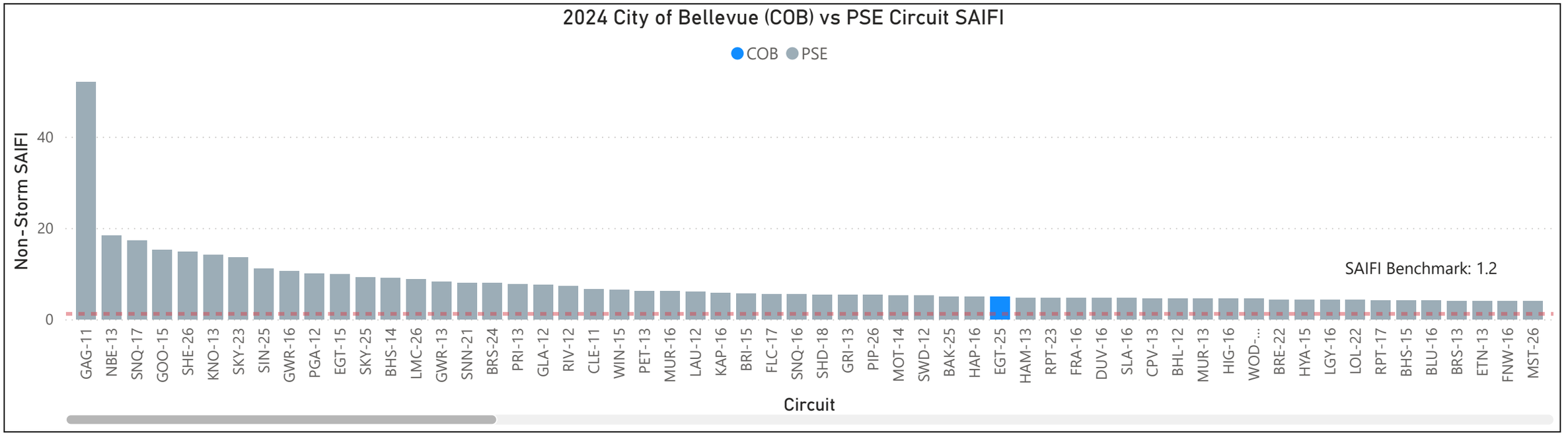
*excluded from 2023 & 2024 (not in COB)

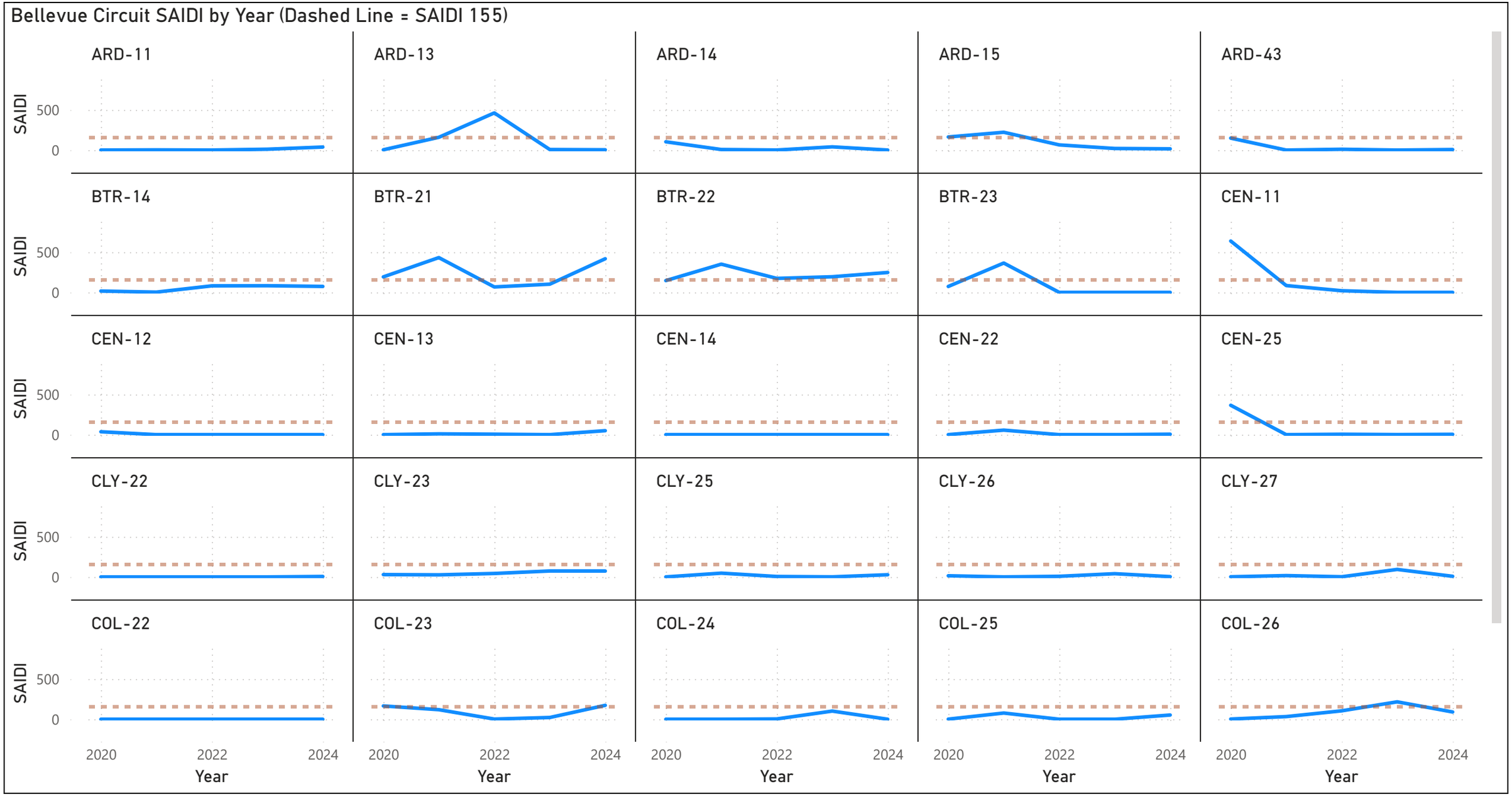
CIRCUIT	2020	2021	2022	2023	2024	1	2	3	4	5
NOB-11						1				
NOB-21						1				
NOB-22						1				
NOB-24								3		
NRU-23							2			
NRU-25							2			
NRU-26						1				
NRU-27								3		
OVE-15							2			
PHA-16							2			
PHA-17						1				
SBE-22						1				
SBE-23						1				
SBE-26						1				
SOM-13						1				
SOM-15						1				
SOM-16								3		
SOM-17						1				
Totals	26	22	13	17	15	33	17	7	0	1
	2020	2021	2022	2023	2024	57%	29%	12%	0%	2%

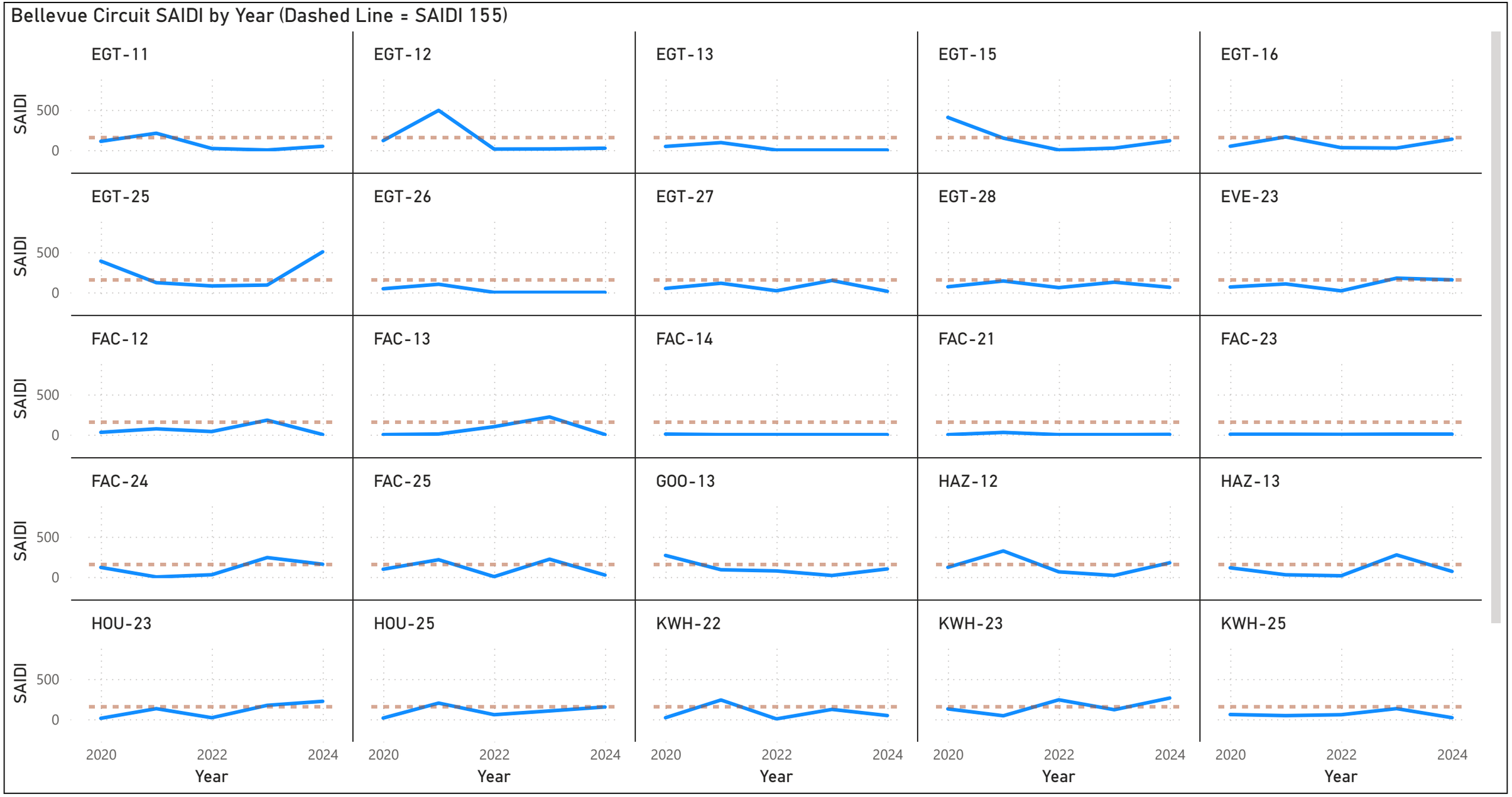

2024 City of Bellevue Reliability by Substation
0 SQI Met
1 SQI Met
2 SQI Met
PSE System Average
*Bubble size indicates relative number of Bellevue customers served by the substation.
SAIDI Benchmark: 155
SAIFI Benchmark: 1.2
Non-Storm SAIFI
Non-Storm SAIDI
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
SOM
HOU
PSE
OVE
GOO
EGT
HAZ
MED
PHA
COL
EVE
BTR
KWH
SBE
NRU
MLK
LHL
ROS
NOB
FAC
ARD
CEN
CLY
LOC

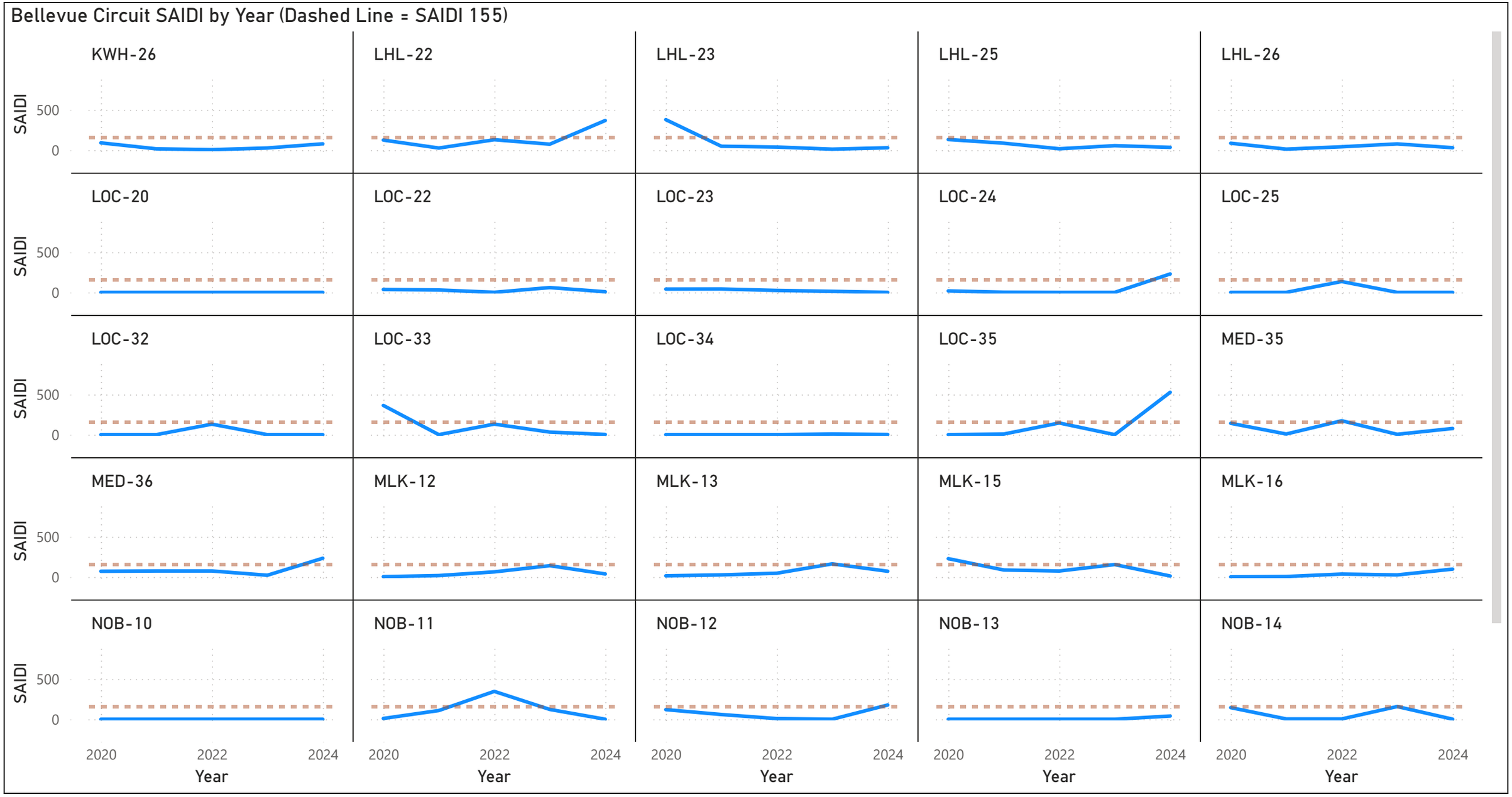

2024 Belleuve Circuits that Exceed SQI and/or PSE (COB-blue) vs PSE Poorest Performance Circuits (PPC-grey)
COB
PPC
Non-Storm SAIFI
Non-Storm SAIDI
0
2
4
6
8
10
12
14
0K
2K
4K
6K
8K
10K
SKY-23
GWR-16
PGA-12
SKY-25
GWR-13
BRS-24
GLA-12
PET-13
CLE-11
SWD-12
HAP-16
SHD-18
GRI-13
EGT-25
HAM-13
HYA-15
BRS-13
ALG-15
MAX-12
SOM-16
FAL-16
BIG-12
DUV-12
CHR-22
HOU-23
HAM-15
MSI-24
BRW-15
BTR-22
NUG-26
NBE-16
EVE-23
LOC-35
BTR-21

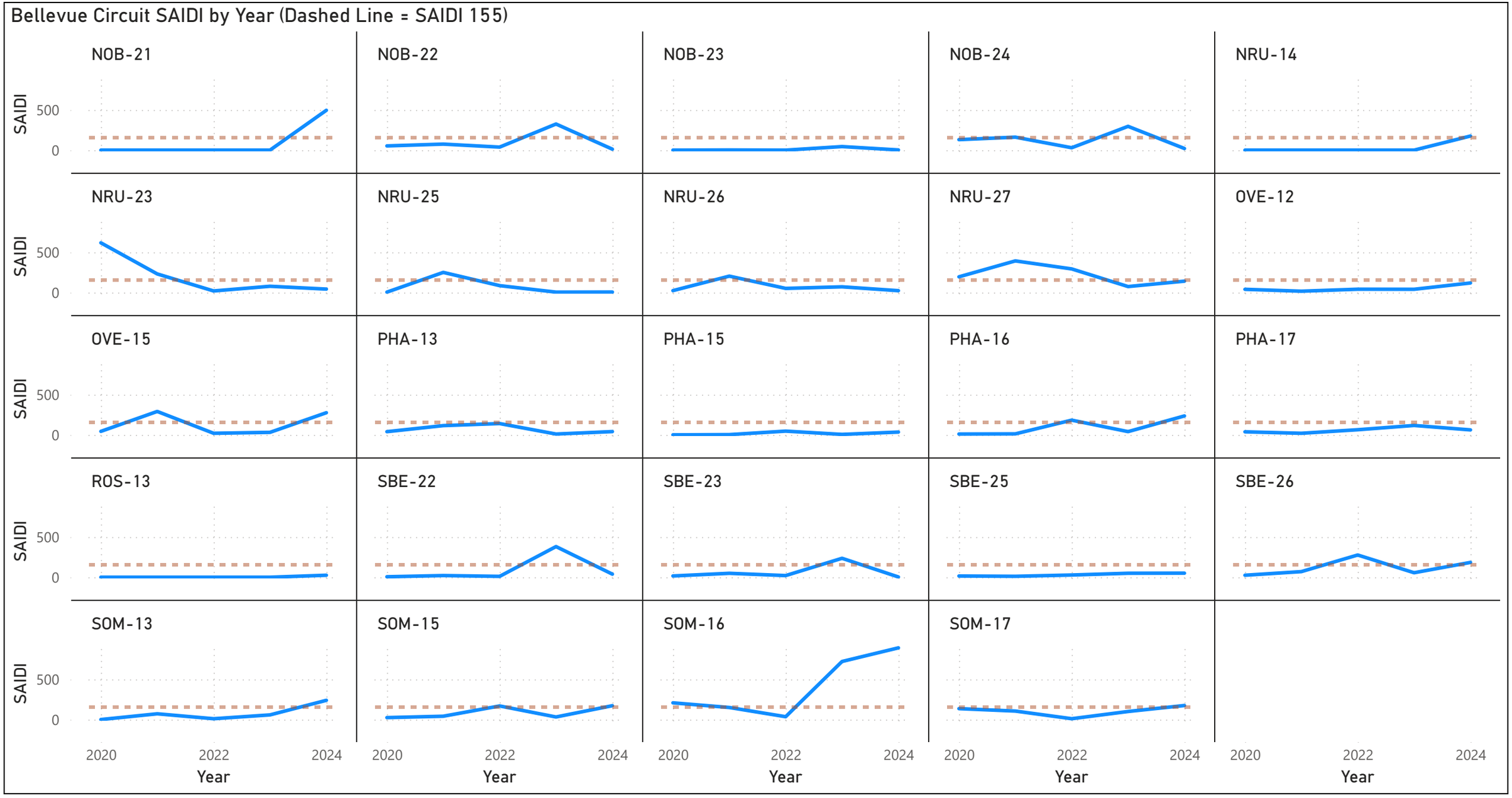

2024 City of Bellevue (COB) vs PSE Circuit SAIDI
COB
PSE
Non-Storm SAIDI
10K
5K
0K
SAIDI Benchmark: 155
GAG-11
SKY-23
SKY-25
GWR-13
HYA-15
NBE-13
GWR-16
GOO-15
PGA-12
EGT-15
SNQ-17
GLA-12
BRS-13
MOT-14
LMC-26
PRI-13
NBE-16
NBE-12
SHE-26
KNO-13
BRS-24
NBE-15
DUV-16
LGY-16
SCE-15
JUA-15
MUR-16
RKD-39
BHS-14
WOD-...
GRI-13
RIT-19
LAU-12
OSC-23
KEN-13
LON-25
SNN-22
TIL-25
FAL-16
CEK-17
SPA-16
LON-23
CAP-16
SOM-16
SIN-25
KAP-16
SWD-12
HAM-13
CLE-11
MUR-13
LMC-25
DUV-15
WIN-15
HAM-15
WLK-13
PMA-13
MIL-16
BIG-15
Circuit

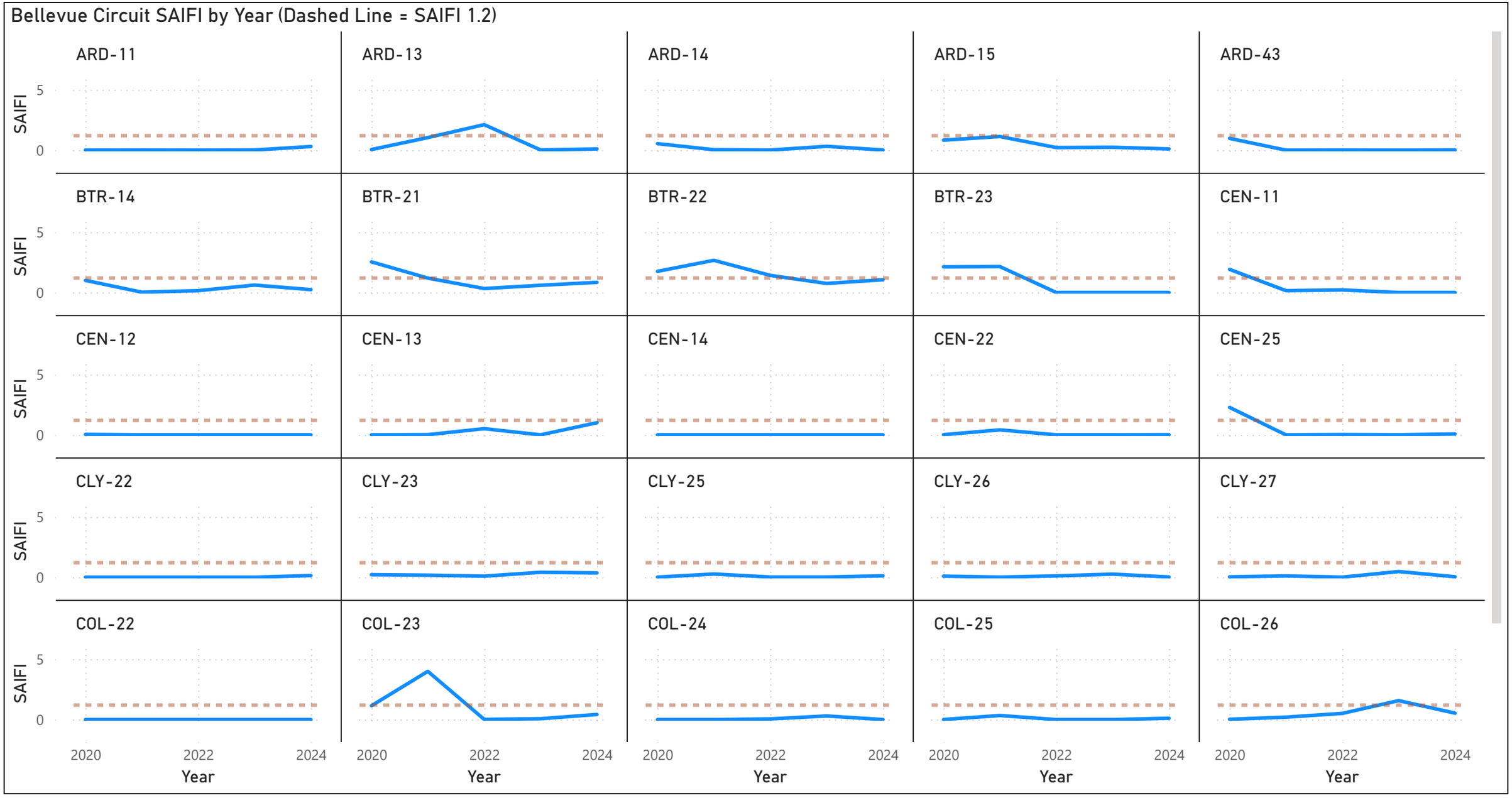

2024 City of Bellevue (COB) vs PSE Circuit SAIFI
COB
PSE
Non-Storm SAIFI
40
20
0
SAIFI Benchmark: 1.2
GAG-11
NBE-13
SNQ-17
GOO-15
SHE-26
KNO-13
SKY-23
SIN-25
GWR-16
PGA-12
EGT-15
SKY-25
BHS-14
LMC-26
GWR-13
SNN-21
BRS-24
PRI-13
GLA-12
RIV-12
CLE-11
WIN-15
PET-13
MUR-16
LAU-12
KAP-16
BRI-15
FLC-17
SNQ-16
SHD-18
GRI-13
PIP-26
MOT-14
SWD-12
BAK-25
HAP-16
EGT-25
HAM-13
RPT-23
FRA-16
DUV-16
SLA-16
CPV-13
BHL-12
MUR-13
HIG-16
WOD-...
BRE-22
HYA-15
LGY-16
LOL-22
RPT-17
BHS-15
BLU-16
BRS-13
ETN-13
FNW-16
MST-26
Circuit

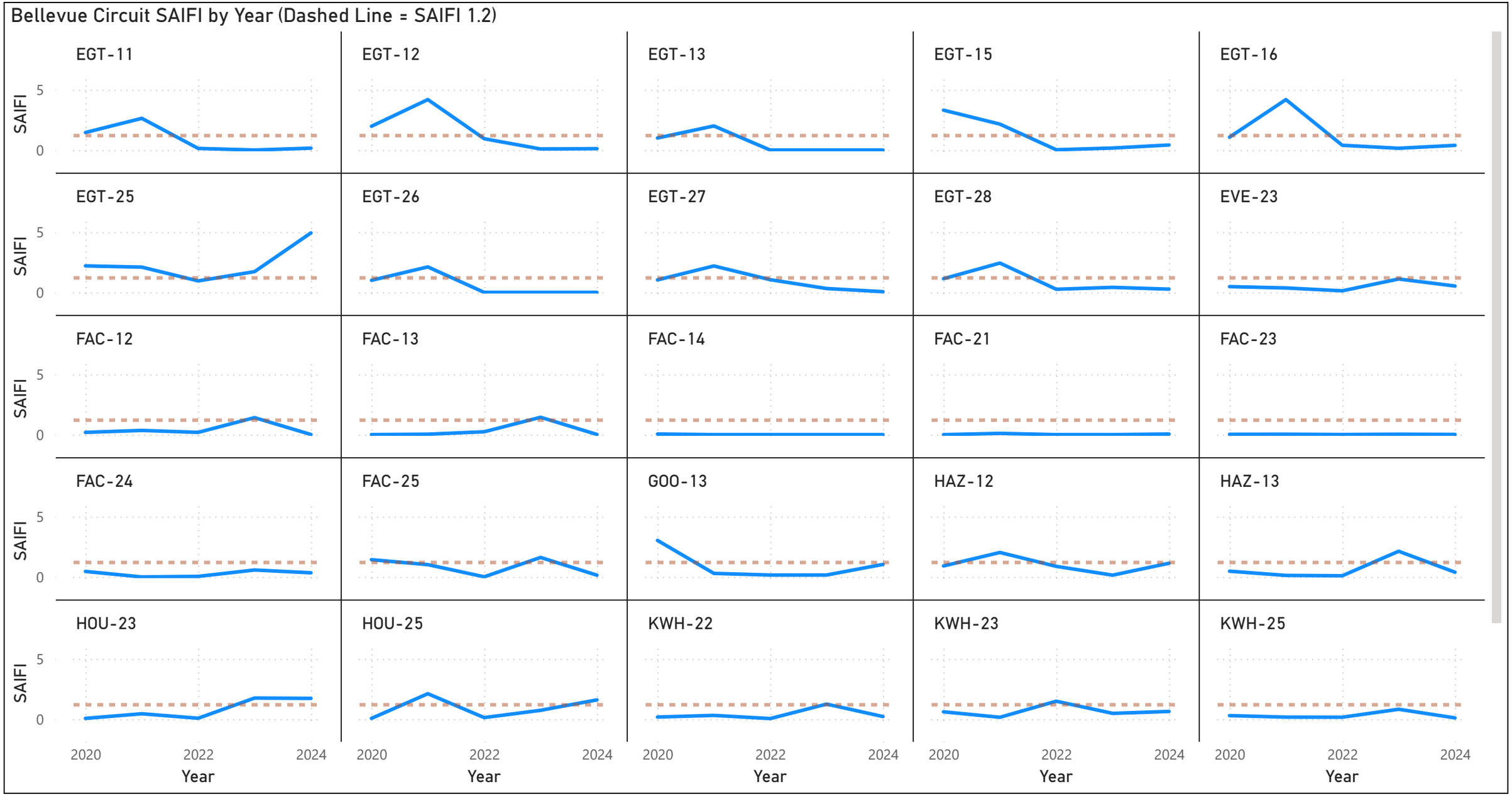

Bellevue Circuit SAIDI by Year (Dashed Line = SAIDI 155)
ARD-11
ARD-13
ARD-14
ARD-15
ARD-43
BTR-14
BTR-21
BTR-22
BTR-23
CEN-11
CEN-12
CEN-13
CEN-14
CEN-22
CEN-25
CLY-22
CLY-23
CLY-25
CLY-26
CLY-27
COL-22
COL-23
COL-24
COL-25
COL-26
SAIDI
500
0
2020
2022
2024
Year

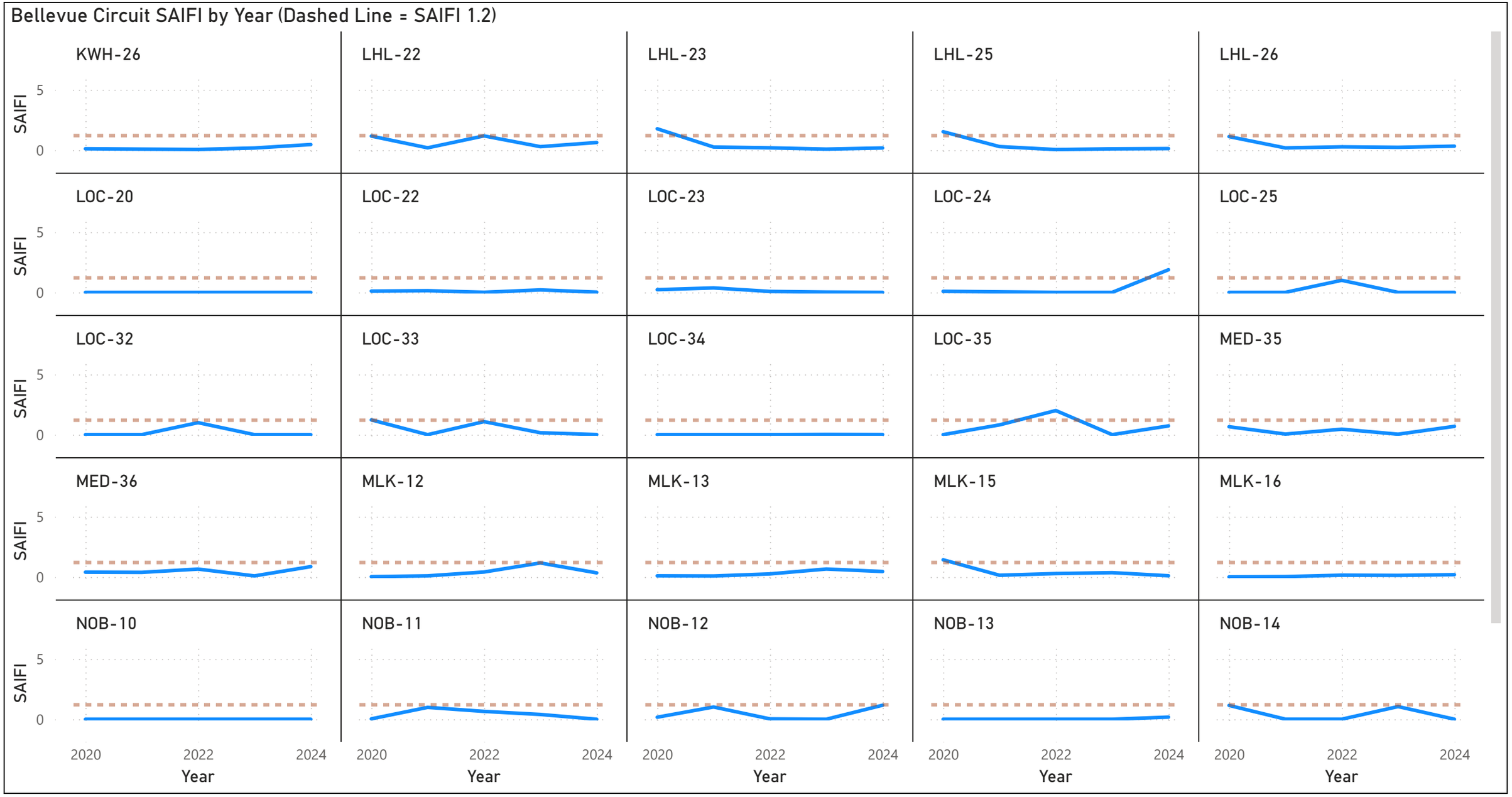

Bellevue Circuit SAIDI by Year (Dashed Line = SAIDI 155)
EGT-11
EGT-12
EGT-13
EGT-15
EGT-16
EGT-25
EGT-26
EGT-27
EGT-28
EVE-23
FAC-12
FAC-13
FAC-14
FAC-21
FAC-23
FAC-24
FAC-25
GOO-13
HAZ-12
HAZ-13
HOU-23
HOU-25
KWH-22
KWH-23
KWH-25
SAIDI
500
0
2020
2022
2024
Year

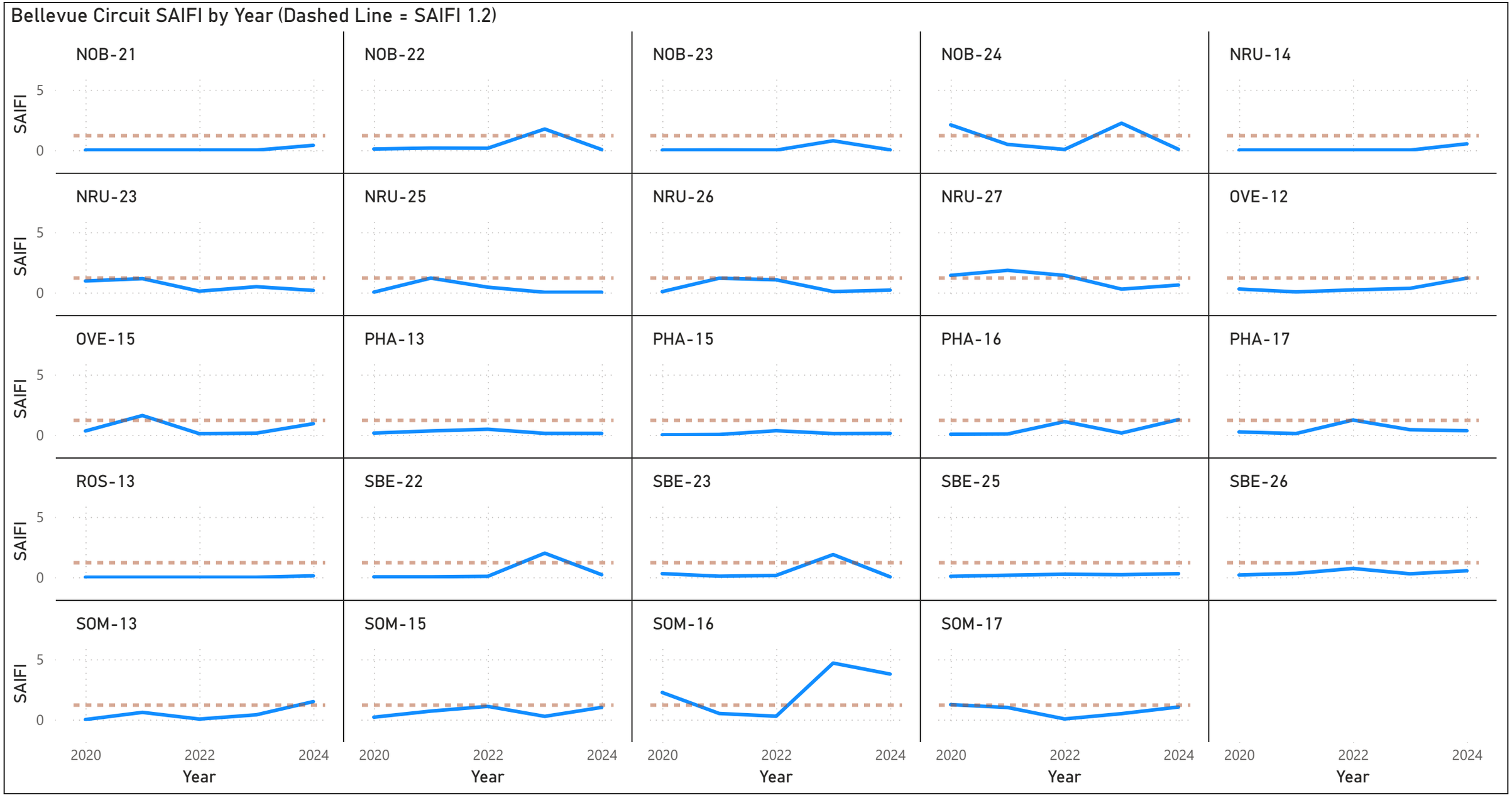

Bellevue Circuit SAIDI by Year (Dashed Line = SAIDI 155)
KWH-26
LHL-22
LHL-23
LHL-25
LHL-26
LOC-20
LOC-22
LOC-23
LOC-24
LOC-25
LOC-32
LOC-33
LOC-34
LOC-35
MED-35
MED-36
MLK-12
MLK-13
MLK-15
MLK-16
NOB-10
NOB-11
NOB-12
NOB-13
NOB-14
SAIDI
500
0
2020
2022
2024
Year


Bellevue Circuit SAIDI by Year (Dashed Line = SAIDI 155)
NOB-21
NOB-22
NOB-23
NOB-24
NRU-14
NRU-23
NRU-25
NRU-26
NRU-27
OVE-12
OVE-15
PHA-13
PHA-15
PHA-16
PHA-17
ROS-13
SBE-22
SBE-23
SBE-25
SBE-26
SOM-13
SOM-15
SOM-16
SOM-17
SAIDI
500
0
2020
2022
2024
Year


Bellevue Circuit SAIFI by Year (Dashed Line = SAIFI 1.2)
ARD-11
ARD-13
ARD-14
ARD-15
ARD-43
BTR-14
BTR-21
BTR-22
BTR-23
CEN-11
CEN-12
CEN-13
CEN-14
CEN-22
CEN-25
CLY-22
CLY-23
CLY-25
CLY-26
CLY-27
COL-22
COL-23
COL-24
COL-25
COL-26
SAIFI
5
0
2020
2022
2024
Year


Bellevue Circuit SAIFI by Year (Dashed Line = SAIFI 1.2)
EGT-11
EGT-12
EGT-13
EGT-15
EGT-16
EGT-25
EGT-26
EGT-27
EGT-28
EVE-23
FAC-12
FAC-13
FAC-14
FAC-21
FAC-23
FAC-24
FAC-25
GOO-13
HAZ-12
HAZ-13
HOU-23
HOU-25
KWH-22
KWH-23
KWH-25
SAIFI
5
0
2020
2022
2024
Year


Bellevue Circuit SAIFI by Year (Dashed Line = SAIFI 1.2)
KWH-26
LHL-22
LHL-23
LHL-25
LHL-26
LOC-20
LOC-22
LOC-23
LOC-24
LOC-25
LOC-32
LOC-33
LOC-34
LOC-35
MED-35
MED-36
MLK-12
MLK-13
MLK-15
MLK-16
NOB-10
NOB-11
NOB-12
NOB-13
NOB-14
SAIFI
5
0
2020
2022
2024
Year


Bellevue Circuit SAIFI by Year (Dashed Line = SAIFI 1.2)
NOB-21
NOB-22
NOB-23
NOB-24
NRU-14
NRU-23
NRU-25
NRU-26
NRU-27
OVE-12
OVE-15
PHA-13
PHA-15
PHA-16
PHA-17
ROS-13
SBE-22
SBE-23
SBE-25
SBE-26
SOM-13
SOM-15
SOM-16
SOM-17
SAIFI
5
0
2020
2022
2024
Year

2024 OUTAGES FOR CIRCUITS SERVING BELLEVUE

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
1/1/2024	EGT-16	EF	OSV	1	82	NON	> 5 min
1/2/2024	SOM-17	SO	OPO	1	468	NON	> 5 min
1/2/2024	KWH-23	EF	USV	1	442	NON	> 5 min
1/2/2024	HAZ-12	TV	OCO	3,278	334,356	NON	> 5 min
1/2/2024	KWH-22	SO	FSV	153	15,050	NON	> 5 min
1/3/2024	NRU-25	EF	USV	1	260	NON	> 5 min
1/4/2024	PHA-13	TV	OSV	1	1,388	NON	> 5 min
1/4/2024	SOM-16	SO	UPC	4	742	NON	> 5 min
1/4/2024	EVE-23	SO	UPT	4	204	NON	> 5 min
1/4/2024	NRU-23	VA	UPS	20	223	NON	> 5 min
1/4/2024	NRU-23	VA	UPS	20	9	NON	<= 1 min
1/5/2024	PHA-16	TV	OCO	1,381	239,420	NON	> 5 min
1/5/2024	COL-26	SO	UPT	33	1,624	NON	> 5 min
1/6/2024	KWH-25	EF	USV	1	126	NON	> 5 min
1/6/2024	LHL-25	TV	OTF	8	656	NON	> 5 min
1/6/2024	EVE-23	DU	USV	1	22	NON	> 5 min
1/8/2024	LHL-25	EF	OTR	1	369	NON	> 5 min
1/8/2024	SBE-26	TV	OTR	2	354	NON	> 5 min
1/8/2024	SBE-26	TV	OTR	89	8,672	NON	> 5 min
1/9/2024	SBE-25	TV	OSV	1	1,127	MEJ	> 5 min
1/9/2024	HOU-25	TV	OCO	89	98,404	MEJ	> 5 min
1/9/2024	LOC-23	TV	OCO	431	108,411	MEJ	> 5 min
1/9/2024	BTR-22	TV	OCO	49	30,341	MEJ	> 5 min
1/9/2024	FAC-25	TV	OFU	95	55,116	MEJ	> 5 min
1/9/2024	NRU-23	EF	OTF	5	2,495	MEJ	> 5 min
1/9/2024	EGT-27	TV	OCO	60	18,447	MEJ	> 5 min
1/9/2024	SOM-16	TV	OFU	58	22,538	MEJ	> 5 min
1/9/2024	EGT-15	TV	OSV	2	806	MEJ	> 5 min
1/9/2024	EGT-27	UN	OTF	6	2,283	MEJ	> 5 min
1/9/2024	SBE-26	TV	OTF	2	566	MEJ	> 5 min
1/9/2024	EGT-27	EF	OSW	576	96,422	MEJ	> 5 min
1/9/2024	BTR-22	TV	OCO	637	59,803	MEJ	> 5 min
1/9/2024	EGT-27	EF	OMP	1	92	MEJ	> 5 min
1/9/2024	EGT-27	EF	OMP	1	86	MEJ	> 5 min
1/11/2024	PHA-16	EF	USV	1	796	NON	> 5 min
1/12/2024	MLK-16	EF	UTR	2	980	NON	> 5 min
1/12/2024	BTR-14	EF	UPT	20	8,212	NON	> 5 min
1/12/2024	EVE-23	FI	UHH	1	97	NON	> 5 min
1/13/2024	SOM-15	EF	USV	1	129	NON	> 5 min
1/15/2024	NRU-27	SO	OSW	1	174	NON	> 5 min
1/15/2024	BTR-22	EF	OCN	1	102	NON	> 5 min
1/16/2024	EVE-23	EF	UOT	9	4,086	NON	> 5 min
1/16/2024	EGT-11	EF	OTR	12	1,764	NON	> 5 min
1/16/2024	NOB-22	SO	ACE	3	611	NON	> 5 min
1/16/2024	NRU-27	SO	OSW	174	32,860	NON	> 5 min
1/16/2024	MLK-13	EF	UHH	3	114	NON	> 5 min
1/16/2024	LHL-26	EF	OCR	58	2,172	NON	> 5 min
1/18/2024	EGT-28	EF	UHH	6	2,963	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
1/19/2024	CLY-26	EF	USV	1	936	NON	> 5 min
1/21/2024	CLY-23	EF	OTR	26	6,444	NON	> 5 min
1/22/2024	PHA-13	EF	USV	1	525	NON	> 5 min
1/22/2024	SOM-13	SO	OPO	55	17,255	NON	> 5 min
1/22/2024	NRU-27	SO	OSW	1	286	NON	> 5 min
1/22/2024	CLY-23	FI	OSV	1	284	NON	> 5 min
1/22/2024	KWH-26	EF	UHH	5	273	NON	> 5 min
1/24/2024	NRU-27	SO	OSW	20	8,032	NON	> 5 min
1/24/2024	SBE-26	EF	OCO	3	108	NON	> 5 min
1/24/2024	ARD-13	SO	ACE	76	2,604	NON	> 5 min
1/24/2024	ARD-14	SO	USV	3	56	NON	> 5 min
1/25/2024	NRU-27	SO	OSW	29	8,033	NON	> 5 min
1/25/2024	SBE-26	TV	OSV	2	540	NON	> 5 min
1/25/2024	SOM-17	EF	UOT	37	1,955	NON	> 5 min
1/25/2024	SOM-17	SO	OFU	25	25	NON	> 1 & <= 5 min
1/26/2024	CLY-23	EF	UPC	16	6,783	NON	> 5 min
1/26/2024	NRU-27	SO	OSW	1	179	NON	> 5 min
1/29/2024	COL-26	TV	OCO	28	2,641	NON	> 5 min
1/31/2024	NRU-27	SO	OSW	36	6,136	NON	> 5 min
1/31/2024	CEN-25	SO	OFU	28	21	NON	<= 1 min
2/1/2024	NRU-27	SO	OSW	36	8,513	NON	> 5 min
2/1/2024	MED-35	FI	USV	1	167	NON	> 5 min
2/3/2024	LHL-25	EF	UPT	24	11,508	NON	> 5 min
2/3/2024	LHL-25	EF	UPT	152	31,862	NON	> 5 min
2/4/2024	LOC-24	EF	UEL	92	11,223	NON	> 5 min
2/4/2024	LHL-23	EF	UFJ	107	25,001	NON	> 5 min
2/4/2024	SOM-16	EF	OTF	3	774	NON	> 5 min
2/4/2024	LHL-23	EF	UEL	110	12,512	NON	> 5 min
2/5/2024	PHA-16	EF	OFC	20	2,737	NON	> 5 min
2/6/2024	HAZ-13	EF	USV	1	27	NON	> 5 min
2/7/2024	PHA-16	EF	OTR	8	3,419	NON	> 5 min
2/7/2024	EVE-23	EF	USV	1	164	NON	> 5 min
2/7/2024	ARD-15	FI	UPC	66	3,872	NON	> 5 min
2/7/2024	EGT-12	OD	OHR	1,530	2,345	NON	> 1 & <= 5 min
2/8/2024	KWH-25	EF	UPC	6	1,931	NON	> 5 min
2/8/2024	PHA-13	SO	OPO	5	984	NON	> 5 min
2/9/2024	SOM-15	EF	USV	1	79	NON	> 5 min
2/9/2024	KWH-23	SO	UPT	4	250	NON	> 5 min
2/12/2024	NRU-27	SO	OSW	36	9,721	NON	> 5 min
2/12/2024	OVE-15	SO	UPT	37	2,956	NON	> 5 min
2/13/2024	CLY-27	EF	UPC	1	249	NON	> 5 min
2/13/2024	NRU-27	SO	OSW	1	181	NON	> 5 min
2/15/2024	LOC-22	EF	UVS	362	33,794	MEJ	> 5 min
2/16/2024	EGT-28	EF	UPC	45	32,803	NON	> 5 min
2/20/2024	OVE-15	EF	OTR	1	625	NON	> 5 min
2/21/2024	EVE-23	EF	UTR	8	5,107	NON	> 5 min
2/21/2024	NRU-27	SO	OSW	20	4,659	NON	> 5 min
2/22/2024	NRU-27	SO	OSW	1	258	NON	> 5 min
2/25/2024	PHA-13	TV	OCO	10	2,669	NON	> 5 min
2/26/2024	LHL-26	EF	USC	5	41	NON	> 5 min
2/27/2024	EGT-28	EF	USV	2	2,003	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
2/27/2024	SOM-16	UN	OIN	2,563	558,506	NON	> 5 min
2/27/2024	EGT-28	UN	OIN	46	5,547	NON	> 5 min
2/27/2024	EGT-28	UN	OIN	-	2,020	NON	> 5 min
2/27/2024	EGT-28	EF	OIN	-	362	NON	> 5 min
2/27/2024	HAZ-12	UN	OIN	80	9,527	NON	> 5 min
2/27/2024	SOM-16	EF	OFU	170	8,265	NON	> 5 min
2/27/2024	SOM-16	EF	OFU	119	5,371	NON	> 5 min
2/27/2024	HAZ-12	UN	OIN	-	3,469	NON	> 5 min
2/27/2024	HAZ-12	EF	OIN	-	621	NON	> 5 min
2/27/2024	SOM-13	UN	OIN	2,332	278,450	NON	> 5 min
2/27/2024	SOM-13	UN	OIN	-	101,378	NON	> 5 min
2/27/2024	SOM-13	EF	OIN	-	18,152	NON	> 5 min
2/27/2024	SOM-15	UN	OIN	1,738	207,541	NON	> 5 min
2/27/2024	SOM-15	UN	OIN	-	75,561	NON	> 5 min
2/27/2024	SOM-15	EF	OIN	-	13,530	NON	> 5 min
2/27/2024	SOM-16	UN	OIN	2,508	299,433	NON	> 5 min
2/27/2024	SOM-16	UN	OIN	-	109,017	NON	> 5 min
2/27/2024	SOM-16	EF	OIN	-	19,520	NON	> 5 min
2/27/2024	SOM-17	UN	OIN	1,806	215,621	NON	> 5 min
2/27/2024	SOM-17	UN	OIN	-	78,503	NON	> 5 min
2/27/2024	SOM-17	EF	OIN	-	14,056	NON	> 5 min
2/28/2024	BTR-22	EF	OFU	2	816	NON	> 5 min
2/28/2024	SBE-22	TV	OCO	4	1,309	NON	> 5 min
2/28/2024	HAZ-12	EF	OCN	4	558	NON	> 5 min
2/28/2024	SOM-15	SO	UPT	1	34	NON	> 5 min
2/28/2024	OVE-15	SO	UEL	10	2	NON	<= 1 min
2/29/2024	SOM-15	EF	USV	1	459	NON	> 5 min
2/29/2024	HAZ-12	EF	OTR	2	475	NON	> 5 min
2/29/2024	EGT-28	EF	USV	1	200	NON	> 5 min
2/29/2024	EGT-28	UN	USV	1	190	NON	> 5 min
3/1/2024	SOM-16	BA	OFC	128	63,430	NON	> 5 min
3/4/2024	NRU-27	SO	UPC	48	20,702	NON	> 5 min
3/4/2024	NOB-12	EF	UPS	563	97,594	NON	> 5 min
3/6/2024	PHA-15	EF	OSV	8	543	NON	> 5 min
3/7/2024	EGT-11	EF	OJU	51	14,955	NON	> 5 min
3/7/2024	NOB-12	EF	UEL	80	468	NON	> 5 min
3/8/2024	LOC-33	SO	ACE	2	678	NON	> 5 min
3/9/2024	KWH-22	TV	OCO	109	70,605	MEJ	> 5 min
3/9/2024	LOC-22	TV	OCO	124	184,446	MEJ	> 5 min
3/9/2024	SBE-26	TV	OCO	4	4,023	MEJ	> 5 min
3/9/2024	OVE-15	TV	OCO	47	40,371	MEJ	> 5 min
3/9/2024	NRU-23	UN	OCO	2	1,417	MEJ	> 5 min
3/9/2024	EGT-28	TV	OSV	1	622	MEJ	> 5 min
3/9/2024	MED-36	TV	OCO	171	84,705	MEJ	> 5 min
3/9/2024	SBE-26	TV	OCO	6	2,890	MEJ	> 5 min
3/9/2024	CLY-23	TV	OCR	538	133,041	MEJ	> 5 min
3/10/2024	LHL-22	TV	OTR	14	8,111	NON	> 5 min
3/10/2024	SBE-26	EF	OSV	1	297	NON	> 5 min
3/10/2024	OVE-15	TV	OCO	19	4,242	NON	> 5 min
3/11/2024	SBE-26	EF	OTR	5	778	NON	> 5 min
3/11/2024	KWH-23	EF	UHH	41	1,814	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
3/11/2024	FAC-13	SO	UTR	3	27	NON	> 5 min
3/12/2024	EGT-28	SO	UEL	7	956	NON	> 5 min
3/12/2024	EGT-28	OE	UPC	17	990	NON	> 5 min
3/12/2024	NRU-26	SO	UEL	48	2,394	NON	> 5 min
3/12/2024	MLK-15	SO	ACE	30	795	NON	> 5 min
3/12/2024	MLK-15	SO	ACE	30	181	NON	> 5 min
3/13/2024	FAC-25	UN	OFU	2	364	NON	> 5 min
3/13/2024	EGT-16	SO	OPO	28	8,788	NON	> 5 min
3/14/2024	GOO-13	EF	USV	1	1,050	NON	> 5 min
3/14/2024	KWH-22	EF	USV	1	528	NON	> 5 min
3/14/2024	SBE-22	SO	OPO	2	961	NON	> 5 min
3/14/2024	CLY-23	EF	UEL	1	115	NON	> 5 min
3/14/2024	MLK-13	EF	OTF	6	625	NON	> 5 min
3/15/2024	EGT-12	EF	UFJ	44	12,408	NON	> 5 min
3/15/2024	SOM-13	TV	OCO	773	42,670	NON	> 5 min
3/17/2024	LOC-34	SO	UEL	4	798	NON	> 5 min
3/18/2024	SOM-16	EF	OSV	1	326	NON	> 5 min
3/18/2024	SBE-23	SO	UFJ	1	135	NON	> 5 min
3/19/2024	ROS-13	DU	UPC	97	20,820	NON	> 5 min
3/19/2024	NRU-23	SO	UTR	3	313	NON	> 5 min
3/19/2024	SBE-23	SO	UFJ	1	1	NON	> 1 & <= 5 min
3/20/2024	NRU-26	SO	UPC	51	4,777	NON	> 5 min
3/21/2024	HAZ-12	EF	UHH	1	513	NON	> 5 min
3/21/2024	FAC-23	SO	UEL	1	121	NON	> 5 min
3/21/2024	HAZ-12	EF	UHH	8	334	NON	> 5 min
3/21/2024	CLY-27	SO	OTR	1	12	NON	> 5 min
3/22/2024	KWH-23	EF	UTR	12	8,074	NON	> 5 min
3/23/2024	EGT-12	AC	OPO	29	14,249	NON	> 5 min
3/26/2024	NRU-23	TV	OCO	4	1,820	NON	> 5 min
3/26/2024	FAC-13	SO	UTR	3	374	NON	> 5 min
3/26/2024	HAZ-12	SO	UFJ	2	145	NON	> 5 min
3/27/2024	EGT-28	EF	UPC	68	2,484	NON	> 5 min
3/28/2024	EGT-28	EF	UPC	12	1,119	NON	> 5 min
3/29/2024	SOM-16	EF	USV	1	695	NON	> 5 min
3/29/2024	FAC-12	EF	USV	1	207	NON	> 5 min
3/29/2024	MLK-16	BA	OTF	2	231	NON	> 5 min
3/29/2024	EGT-12	SO	UPT	8	769	NON	> 5 min
3/30/2024	CLY-23	BA	OTF	4	389	NON	> 5 min
4/1/2024	FAC-23	SO	OPO	3	1,499	NON	> 5 min
4/2/2024	FAC-23	SO	OPO	3	1,173	NON	> 5 min
4/4/2024	MLK-13	EF	USV	1	331	NON	> 5 min
4/7/2024	PHA-16	EF	USV	1	164	NON	> 5 min
4/8/2024	PHA-17	EF	OTR	4	360	NON	> 5 min
4/9/2024	MLK-13	EF	OTF	3	122	NON	> 5 min
4/10/2024	PHA-16	EF	OTR	9	1,816	NON	> 5 min
4/11/2024	PHA-16	SO	OPO	6	1,487	NON	> 5 min
4/11/2024	KWH-25	EF	USV	1	216	NON	> 5 min
4/11/2024	HAZ-13	SO	OCO	3	578	NON	> 5 min
4/12/2024	MED-36	EF	OPO	6	1,038	NON	> 5 min
4/13/2024	EGT-12	TV	OFU	34	3,171	NON	> 5 min
4/15/2024	HOU-25	EF	UOT	3	347	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
4/15/2024	NRU-27	SO	UPC	8	639	NON	> 5 min
4/16/2024	EVE-23	CP	OPO	198	96,349	NON	> 5 min
4/16/2024	GOO-13	EF	OAR	2,264	196,515	NON	> 5 min
4/16/2024	LHL-25	BA	OTF	5	260	NON	> 5 min
4/17/2024	OVE-12	SO	UPC	1	154	NON	> 5 min
4/18/2024	MED-35	SO	UPT	5	216	NON	> 5 min
4/20/2024	CLY-27	TV	OCR	20	3,360	NON	> 5 min
4/20/2024	CLY-27	TV	OCR	1	7	NON	> 5 min
4/20/2024	HOU-23	TV	OCR	936	157,933	NON	> 5 min
4/20/2024	HOU-23	TV	OCR	54	345	NON	> 5 min
4/20/2024	HOU-25	TV	OCR	508	85,767	NON	> 5 min
4/20/2024	HOU-25	TV	OCR	29	187	NON	> 5 min
4/20/2024	COL-26	EF	OTR	9	10,312	NON	> 5 min
4/20/2024	EVE-23	TV	OCR	198	193,034	NON	> 5 min
4/20/2024	NOB-24	TV	OCO	20	10,961	NON	> 5 min
4/20/2024	BTR-22	TV	OCR	666	154,012	NON	> 5 min
4/20/2024	HOU-23	TV	OFU	67	24,147	NON	> 5 min
4/20/2024	EGT-11	EF	OTR	1	342	NON	> 5 min
4/20/2024	HOU-23	EF	OCR	-	22,004	NON	> 5 min
4/21/2024	HOU-23	EF	OTR	8	1,139	NON	> 5 min
4/21/2024	KWH-23	EF	UTR	15	2,240	NON	> 5 min
4/21/2024	HOU-23	EF	OTF	1	164	NON	> 5 min
4/22/2024	HAZ-13	EF	OCR	313	34,023	NON	> 5 min
4/22/2024	NRU-26	SO	UEL	48	7,425	NON	> 5 min
4/22/2024	MLK-15	EF	USV	1	118	NON	> 5 min
4/22/2024	HAZ-12	EF	UPT	52	4,279	NON	> 5 min
4/22/2024	KWH-23	EF	USV	11	337	NON	> 5 min
4/22/2024	KWH-25	EF	USV	1	35	NON	> 5 min
4/23/2024	SBE-26	EF	UPC	18	2,407	NON	> 5 min
4/23/2024	COL-26	FI	UHH	5	522	NON	> 5 min
4/24/2024	KWH-25	EF	USC	2	347	NON	> 5 min
4/25/2024	SOM-13	EF	USV	1	600	NON	> 5 min
4/25/2024	SOM-13	EF	USV	1	31	NON	> 5 min
4/26/2024	HAZ-13	SO	OPO	4	739	NON	> 5 min
4/26/2024	OVE-15	TV	OSV	1	182	NON	> 5 min
4/27/2024	ARD-15	EF	UPC	128	26,065	NON	> 5 min
4/29/2024	COL-25	DU	UPC	26	12,574	NON	> 5 min
4/29/2024	ARD-13	EF	UMP	1	67	NON	> 5 min
4/29/2024	CEN-13	SO	UGV	242	11,850	NON	> 5 min
4/30/2024	EGT-28	EF	UHH	5	605	NON	> 5 min
5/1/2024	MLK-13	SO	UPT	1	176	NON	> 5 min
5/1/2024	OVE-12	SO	UTR	20	3,088	NON	> 5 min
5/2/2024	EGT-27	SO	OPO	22	5,826	NON	> 5 min
5/2/2024	ARD-13	EF	UMP	1	104	NON	> 5 min
5/2/2024	OVE-12	SO	UPT	1	55	NON	> 5 min
5/3/2024	SOM-16	SO	UTR	8	855	NON	> 5 min
5/4/2024	EGT-28	EF	OSV	1	353	NON	> 5 min
5/5/2024	MLK-15	SO	UPC	37	8,499	NON	> 5 min
5/6/2024	KWH-25	EF	USV	1	1,004	NON	> 5 min
5/6/2024	MLK-13	TV	OPO	56	7,869	NON	> 5 min
5/6/2024	EGT-25	SO	OCO	4	1,568	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
5/6/2024	MLK-15	SO	UPC	37	3,136	NON	> 5 min
5/7/2024	GOO-13	TV	OPO	83	24,486	NON	> 5 min
5/7/2024	FAC-25	EF	OCN	1	244	NON	> 5 min
5/7/2024	EGT-11	UN	OFU	8	664	NON	> 5 min
5/8/2024	BTR-21	TV	OTF	1	538	NON	> 5 min
5/8/2024	PHA-17	AC	OSV	4	1,739	NON	> 5 min
5/10/2024	HAZ-13	EF	OTR	1	1,071	NON	> 5 min
5/10/2024	GOO-13	SO	UPT	4	443	NON	> 5 min
5/11/2024	EGT-11	EF	OTR	8	3,202	NON	> 5 min
5/12/2024	NRU-25	EF	UTR	7	2,794	NON	> 5 min
5/12/2024	HOU-23	EF	UPC	63	8,710	NON	> 5 min
5/13/2024	KWH-25	EF	UHH	7	1,653	NON	> 5 min
5/13/2024	EGT-11	EF	OPO	16	5,254	NON	> 5 min
5/14/2024	CLY-27	EF	USV	1	1,193	NON	> 5 min
5/14/2024	KWH-26	EF	UPC	104	22,037	NON	> 5 min
5/14/2024	EGT-11	SO	USV	4	376	NON	> 5 min
5/15/2024	OVE-12	UN	USV	1	494	NON	> 5 min
5/15/2024	EGT-27	SO	OPO	5	1,192	NON	> 5 min
5/15/2024	SOM-16	SO	UHH	4	558	NON	> 5 min
5/15/2024	KWH-25	SO	UPC	6	164	NON	> 5 min
5/16/2024	SOM-16	TV	UOT	35	9,351	NON	> 5 min
5/16/2024	EVE-23	TV	OCO	265	33,138	NON	> 5 min
5/16/2024	EGT-25	TV	OCO	1,234	115,770	NON	> 5 min
5/16/2024	FAC-25	TV	OCO	55	4,767	NON	> 5 min
5/16/2024	EGT-25	TV	OCO	1,234	50,121	NON	> 5 min
5/17/2024	OVE-12	TV	OTF	4	472	NON	> 5 min
5/18/2024	LHL-22	TV	OCO	99	9,385	NON	> 5 min
5/21/2024	FAC-24	EF	UFJ	30	13,778	NON	> 5 min
5/21/2024	EGT-28	TV	OTF	50	4,938	NON	> 5 min
5/21/2024	EGT-25	TV	OCO	838	67,333	NON	> 5 min
5/22/2024	SOM-16	EF	UPC	79	18,246	NON	> 5 min
5/22/2024	OVE-12	SO	UPC	5	819	NON	> 5 min
5/23/2024	HOU-23	EF	UEL	113	18,154	NON	> 5 min
5/23/2024	HAZ-12	SO	OTR	23	1,329	NON	> 5 min
5/24/2024	SOM-13	EF	UPC	7	2,473	NON	> 5 min
5/24/2024	MED-36	EF	UTR	5	2,334	NON	> 5 min
5/24/2024	NOB-24	SO	UTR	15	2,072	NON	> 5 min
5/26/2024	EGT-25	EF	OTF	5	128	NON	> 5 min
5/27/2024	PHA-17	EF	USV	1	122	NON	> 5 min
5/28/2024	EGT-11	EF	USV	1	324	NON	> 5 min
5/29/2024	CLY-27	EF	USV	1	1,475	NON	> 5 min
5/29/2024	PHA-13	EF	USV	1	324	NON	> 5 min
5/29/2024	SBE-26	SO	OCO	2	239	NON	> 5 min
5/29/2024	SBE-26	SO	UHH	6	237	NON	> 5 min
5/30/2024	LHL-23	BA	OTF	21	1,516	NON	> 5 min
5/30/2024	BTR-22	SO	UPT	5	265	NON	> 5 min
5/31/2024	SOM-13	EF	UPC	120	22,531	NON	> 5 min
5/31/2024	SBE-26	SO	OTR	4	496	NON	> 5 min
5/31/2024	NRU-26	BA	OTR	7	772	NON	> 5 min
5/31/2024	EGT-28	EF	UPC	11	1,178	NON	> 5 min
5/31/2024	CLY-23	SO	OTR	3	258	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
6/2/2024	EGT-16	TV	OCR	88	44,939	NON	> 5 min
6/2/2024	SBE-26	TV	OFU	271	127,240	NON	> 5 min
6/2/2024	SOM-16	TV	OFU	27	5,101	NON	> 5 min
6/2/2024	SBE-26	TV	OTF	18	854	NON	> 5 min
6/2/2024	LHL-22	TV	OTF	2	118	NON	> 5 min
6/3/2024	NRU-23	TV	OCO	3	3,948	MEJ	> 5 min
6/3/2024	FAC-25	UN	OFU	8	1,657	MEJ	> 5 min
6/3/2024	SBE-26	UN	OFU	6	3,170	MEJ	> 5 min
6/3/2024	PHA-13	TV	OFU	10	4,900	MEJ	> 5 min
6/3/2024	SBE-26	TV	OCO	62	26,628	MEJ	> 5 min
6/3/2024	SBE-26	TV	OCO	245	74,776	MEJ	> 5 min
6/3/2024	CLY-26	TV	OCN	1	396	MEJ	> 5 min
6/3/2024	BTR-22	TV	OHR	1,262	241,819	MEJ	> 5 min
6/3/2024	OVE-15	TV	SCB	555	186,255	MEJ	> 5 min
6/3/2024	SBE-26	TV	OTR	8	1,055	MEJ	> 5 min
6/3/2024	SOM-16	UN	OCO	2,566	328,235	MEJ	> 5 min
6/3/2024	PHA-13	TV	OHR	220	25,040	MEJ	> 5 min
6/3/2024	COL-26	TV	OFU	28	2,827	MEJ	> 5 min
6/3/2024	SOM-16	TV	SCB	2,566	44,520	MEJ	> 5 min
6/3/2024	OVE-15	SO	OSW	-	21	NON	<= 1 min
6/4/2024	SOM-15	EF	USV	1	309	NON	> 5 min
6/4/2024	PHA-17	TV	OFU	74	10,689	NON	> 5 min
6/4/2024	PHA-13	TV	OFC	10	1,134	NON	> 5 min
6/4/2024	PHA-13	SO	UPC	35	3,876	NON	> 5 min
6/5/2024	HAZ-12	EF	USC	1	540	NON	> 5 min
6/5/2024	COL-26	BA	OTR	1	62	NON	> 5 min
6/5/2024	EGT-25	DU	UPC	14	576	NON	> 5 min
6/6/2024	OVE-12	EF	UHH	1	390	NON	> 5 min
6/7/2024	EGT-25	EF	USC	4	1,022	NON	> 5 min
6/7/2024	SOM-16	SO	USC	20	3,994	NON	> 5 min
6/7/2024	PHA-16	SO	OTR	4	743	NON	> 5 min
6/7/2024	PHA-17	EF	UHH	3	277	NON	> 5 min
6/7/2024	OVE-12	EF	PMP	1	81	NON	> 5 min
6/8/2024	NRU-23	EF	UPC	68	19,193	NON	> 5 min
6/8/2024	BTR-21	BA	OFU	4	253	NON	> 5 min
6/9/2024	MLK-13	EF	UPT	7	2,953	NON	> 5 min
6/9/2024	SOM-17	AV	UHH	6	898	NON	> 5 min
6/10/2024	HAZ-12	EF	USV	3	1,360	NON	> 5 min
6/10/2024	EGT-12	EF	USV	1	96	NON	> 5 min
6/10/2024	HAZ-13	SO	OCO	10	264	NON	> 5 min
6/10/2024	HAZ-13	SO	OCO	13	223	NON	> 5 min
6/10/2024	HAZ-13	SO	OCO	15	227	NON	> 5 min
6/10/2024	HAZ-13	SO	OCO	19	214	NON	> 5 min
6/10/2024	HAZ-13	SO	OCO	47	509	NON	> 5 min
6/11/2024	BTR-22	TV	OCO	1	200	NON	> 5 min
6/11/2024	LHL-22	BA	OTF	6	1,071	NON	> 5 min
6/11/2024	FAC-21	SO	USV	4	270	NON	> 5 min
6/12/2024	BTR-14	EF	UPC	173	36,153	NON	> 5 min
6/13/2024	SBE-25	SO	UPC	126	26,880	NON	> 5 min
6/13/2024	PHA-16	CP	OSV	1	177	NON	> 5 min
6/13/2024	COL-26	BA	OTF	2	107	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
6/14/2024	NRU-27	EF	UOT	-	3,162	NON	> 5 min
6/14/2024	NRU-27	EF	UOT	50	1,788	NON	> 5 min
6/15/2024	EGT-16	LI	OTR	6	2,330	NON	> 5 min
6/15/2024	BTR-22	LI	OTR	1	254	NON	> 5 min
6/15/2024	NRU-23	LI	UTR	2	470	NON	> 5 min
6/15/2024	NRU-23	LI	OTR	3	668	NON	> 5 min
6/15/2024	NRU-23	LI	OTR	6	1,259	NON	> 5 min
6/16/2024	NRU-23	EF	OSV	2	298	NON	> 5 min
6/16/2024	KWH-25	BA	OFU	129	14,117	NON	> 5 min
6/18/2024	SOM-13	EF	USV	1	583	NON	> 5 min
6/18/2024	LHL-26	SO	UHH	6	778	NON	> 5 min
6/18/2024	CLY-22	SO	ACE	25	1,050	NON	> 5 min
6/19/2024	CLY-23	SO	UPT	1	91	NON	> 5 min
6/19/2024	CLY-22	SO	ACE	25	1,173	NON	> 5 min
6/20/2024	KWH-25	TV	OTR	2	774	NON	> 5 min
6/20/2024	LHL-26	CP	OSV	11	1,371	NON	> 5 min
6/20/2024	MLK-16	UN	UGF	80	12,104	NON	> 5 min
6/20/2024	SBE-23	SO	USV	1	61	NON	> 5 min
6/20/2024	SOM-13	DU	USV	1	25	NON	> 5 min
6/21/2024	NRU-27	SO	UPT	1	595	NON	> 5 min
6/21/2024	HAZ-12	EF	USV	1	312	NON	> 5 min
6/22/2024	FAC-12	BA	OTF	3	382	NON	> 5 min
6/22/2024	KWH-26	BA	OFU	38	4,419	NON	> 5 min
6/22/2024	KWH-23	BA	OTF	6	621	NON	> 5 min
6/23/2024	LOC-35	SO	UPS	4	1,280	NON	> 5 min
6/23/2024	GOO-13	EF	USV	1	315	NON	> 5 min
6/24/2024	LOC-35	SO	UPS	4	8,753	NON	> 5 min
6/24/2024	BTR-22	EF	USV	29	5,463	NON	> 5 min
6/24/2024	LOC-35	SO	UPS	4	1,155	NON	> 5 min
6/24/2024	OVE-15	SO	ACE	1	247	NON	> 5 min
6/25/2024	LOC-35	SO	UPS	4	411	NON	> 5 min
6/26/2024	MLK-16	EF	UFJ	80	13,176	NON	> 5 min
6/26/2024	PHA-16	BA	OTF	3	202	NON	> 5 min
6/26/2024	ARD-13	SO	ACE	6	210	NON	> 5 min
6/27/2024	CEN-25	EF	UTR	1	596	NON	> 5 min
6/27/2024	EGT-12	TV	OCO	89	10,295	NON	> 5 min
6/27/2024	EGT-11	SO	UHH	6	1,399	NON	> 5 min
6/27/2024	OVE-12	BA	SPT	591	50,229	NON	> 5 min
6/27/2024	OVE-15	BA	SPT	555	41,477	NON	> 5 min
6/27/2024	PHA-16	EF	OTR	5	70	NON	> 5 min
6/28/2024	OVE-12	SO	OPO	17	3,313	NON	> 5 min
6/28/2024	MLK-16	EF	UMP	1	97	NON	> 5 min
6/29/2024	MLK-16	EF	UMP	1	707	NON	> 5 min
6/30/2024	NOB-23	BA	UOT	24	2,320	NON	> 5 min
6/30/2024	EGT-25	VA	UPS	396	7,100	NON	> 5 min
7/1/2024	SBE-25	SO	UPT	15	2,162	NON	> 5 min
7/1/2024	KWH-23	EF	UPC	48	6,917	NON	> 5 min
7/1/2024	PHA-16	EF	UHH	4	352	NON	> 5 min
7/4/2024	SBE-22	BA	OFU	25	3,624	NON	> 5 min
7/4/2024	COL-26	BA	OTF	6	497	NON	> 5 min
7/5/2024	KWH-23	EF	UPC	22	9,307	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
7/6/2024	EVE-23	TV	OCO	398	63,905	NON	> 5 min
7/7/2024	PHA-13	EF	OTR	2	888	NON	> 5 min
7/7/2024	PHA-16	BA	OTF	2	321	NON	> 5 min
7/7/2024	SOM-16	TV	OCO	2,489	339,333	NON	> 5 min
7/7/2024	SBE-26	TV	OSV	4	469	NON	> 5 min
7/7/2024	OVE-12	AC	OPO	17	1,001	NON	> 5 min
7/7/2024	CEN-25	EF	UTR	77	3,192	NON	> 5 min
7/9/2024	HAZ-13	TV	OCO	5	2,449	NON	> 5 min
7/9/2024	MED-36	TV	OCO	517	149,870	NON	> 5 min
7/9/2024	NRU-27	EF	UTR	11	2,798	NON	> 5 min
7/9/2024	GOO-13	EF	UPT	6	1,815	NON	> 5 min
7/9/2024	COL-26	BA	OTF	3	378	NON	> 5 min
7/10/2024	PHA-17	SO	OPO	5	2,288	NON	> 5 min
7/10/2024	FAC-13	UN	UGF	3	256	NON	> 5 min
7/11/2024	FAC-25	SO	OPO	16	6,222	NON	> 5 min
7/11/2024	HAZ-12	BA	OTF	4	1,181	NON	> 5 min
7/11/2024	EGT-16	TV	OPO	60	11,539	NON	> 5 min
7/11/2024	MED-36	SO	UPT	30	1,301	NON	> 5 min
7/12/2024	NOB-22	EF	UGV	4	1,181	NON	> 5 min
7/12/2024	SOM-16	SO	OCO	651	158,421	NON	> 5 min
7/12/2024	EGT-27	SO	OTR	4	316	NON	> 5 min
7/12/2024	KWH-22	SO	UPT	3	194	NON	> 5 min
7/13/2024	SBE-26	EF	UPC	39	23,562	NON	> 5 min
7/13/2024	SBE-26	EF	OCO	1	370	NON	> 5 min
7/13/2024	SBE-26	EF	OCO	68	21,001	NON	> 5 min
7/13/2024	EGT-28	EF	USV	1	279	NON	> 5 min
7/14/2024	CLY-26	BA	OTF	6	609	NON	> 5 min
7/14/2024	KWH-26	BA	OTF	8	664	NON	> 5 min
7/15/2024	EGT-16	TV	OSV	1	275	NON	> 5 min
7/16/2024	NRU-26	SO	UEL	43	7,362	NON	> 5 min
7/16/2024	NRU-26	SO	UEL	3	1	NON	<= 1 min
7/17/2024	MLK-16	EF	UPT	2	788	NON	> 5 min
7/17/2024	LHL-26	EF	UHH	5	195	NON	> 5 min
7/18/2024	SBE-26	EF	USV	1	656	NON	> 5 min
7/18/2024	MLK-16	EF	UPC	7	288	NON	> 5 min
7/18/2024	EGT-16	FI	OMP	1	207	NON	> 5 min
7/18/2024	PHA-16	SO	OTR	12	2,105	NON	> 5 min
7/18/2024	HAZ-13	EF	UHH	1	89	NON	> 5 min
7/19/2024	HAZ-13	SO	UHH	6	1,558	NON	> 5 min
7/20/2024	HOU-23	EF	UPC	26	17,189	NON	> 5 min
7/20/2024	EGT-28	EF	UPC	95	23,749	NON	> 5 min
7/20/2024	EGT-11	EF	UPC	76	27,732	NON	> 5 min
7/22/2024	PHA-13	CP	OPO	2	1,250	NON	> 5 min
7/22/2024	FAC-12	EF	USV	1	496	NON	> 5 min
7/22/2024	HOU-25	BA	OFU	3	226	NON	> 5 min
7/24/2024	EVE-23	BA	OTF	5	620	NON	> 5 min
7/26/2024	MLK-16	BA	OTF	1	120	NON	> 5 min
7/26/2024	SOM-16	EF	UPT	12	964	NON	> 5 min
7/28/2024	LHL-22	BA	OTF	6	469	NON	> 5 min
7/28/2024	KWH-25	BA	OTF	3	222	NON	> 5 min
7/31/2024	LHL-22	DU	UPC	5	1,280	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
8/1/2024	HAZ-13	EF	USC	2	1,048	NON	> 5 min
8/1/2024	SBE-26	EF	UFJ	26	6,904	NON	> 5 min
8/1/2024	SBE-22	SO	UPC	27	7,895	NON	> 5 min
8/1/2024	SOM-13	BA	UOT	20	2,457	NON	> 5 min
8/2/2024	NRU-27	SO	USV	1	35	NON	> 5 min
8/3/2024	HOU-25	SO	ACE	2	392	NON	> 5 min
8/3/2024	LHL-26	EF	USV	1	142	NON	> 5 min
8/4/2024	CLY-23	EF	OTR	14	6,521	NON	> 5 min
8/4/2024	EGT-25	TV	OCO	1,012	126,905	NON	> 5 min
8/4/2024	CLY-23	BA	OFU	46	5,484	NON	> 5 min
8/4/2024	EVE-23	EF	OAR	17	2,040	NON	> 5 min
8/4/2024	EVE-23	EF	OAR	90	10,665	NON	> 5 min
8/4/2024	COL-26	BA	OTF	3	349	NON	> 5 min
8/4/2024	KWH-25	BA	UOT	7	510	NON	> 5 min
8/4/2024	EGT-25	TV	OCO	838	33,143	NON	> 5 min
8/5/2024	HAZ-12	EF	USV	1	247	NON	> 5 min
8/5/2024	PHA-16	AC	OSV	1	243	NON	> 5 min
8/6/2024	CLY-27	EF	UEL	1	111	NON	> 5 min
8/6/2024	PHA-17	BA	OFU	31	1,633	NON	> 5 min
8/6/2024	KWH-23	EF	UHH	1	22	NON	> 5 min
8/7/2024	SOM-13	TV	OCO	56	30,932	NON	> 5 min
8/7/2024	SOM-13	TV	OCO	1	67	NON	> 5 min
8/8/2024	SOM-15	EF	UHH	2	134	NON	> 5 min
8/8/2024	EVE-23	BA	OTF	5	192	NON	> 5 min
8/9/2024	LHL-22	BA	OTF	8	1,179	NON	> 5 min
8/9/2024	PHA-13	TV	OTF	4	541	NON	> 5 min
8/9/2024	OVE-12	EF	OTF	6	727	NON	> 5 min
8/11/2024	MLK-12	SO	UPC	17	5,892	NON	> 5 min
8/11/2024	SOM-17	UN	OTF	11	1,088	NON	> 5 min
8/12/2024	EGT-27	EF	OMP	1	172	NON	> 5 min
8/12/2024	MLK-16	EF	UTR	5	548	NON	> 5 min
8/13/2024	KWH-25	EF	UHH	6	1,521	NON	> 5 min
8/14/2024	NRU-14	EF	UPC	10	3,333	NON	> 5 min
8/14/2024	MLK-15	AC	OSV	2	724	NON	> 5 min
8/14/2024	SBE-26	SO	OPO	3	756	NON	> 5 min
8/15/2024	SOM-15	DU	USC	3	911	NON	> 5 min
8/15/2024	SOM-15	DU	USC	10	1,232	NON	> 5 min
8/16/2024	FAC-21	SO	UTR	1	74	NON	> 5 min
8/16/2024	EGT-25	SO	UHH	2	132	NON	> 5 min
8/17/2024	KWH-25	TV	OCO	129	48,745	MEJ	> 5 min
8/17/2024	PHA-16	TV	OHR	1,382	395,850	MEJ	> 5 min
8/17/2024	PHA-17	TV	OFU	25	5,093	MEJ	> 5 min
8/17/2024	HAZ-12	TV	OCO	3,359	539,177	MEJ	> 5 min
8/18/2024	MED-36	TV	OPO	681	147,068	MEJ	> 5 min
8/18/2024	NOB-23	EF	OTF	4	2,854	MEJ	> 5 min
8/18/2024	CLY-26	EF	OTF	3	2,104	MEJ	> 5 min
8/18/2024	SOM-17	TV	OTF	2	1,242	MEJ	> 5 min
8/18/2024	HAZ-12	EF	USV	1	577	MEJ	> 5 min
8/18/2024	COL-26	TV	OCO	28	12,633	MEJ	> 5 min
8/18/2024	SOM-13	TV	OFU	12	4,323	MEJ	> 5 min
8/18/2024	EGT-16	TV	OFU	128	23,868	MEJ	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
8/18/2024	NRU-27	TV	OFU	9	3,100	MEJ	> 5 min
8/18/2024	EGT-27	TV	OFU	60	5,663	MEJ	> 5 min
8/18/2024	PHA-17	TV	OFU	4	966	MEJ	> 5 min
8/18/2024	OVE-15	TV	OGD	1	225	MEJ	> 5 min
8/18/2024	SOM-13	TV	OCO	2,334	330,571	MEJ	> 5 min
8/18/2024	HAZ-12	TV	OHR	3,359	434,025	MEJ	> 5 min
8/19/2024	ARD-43	UN	UTR	9	5,569	NON	> 5 min
8/19/2024	HOU-25	EF	UOT	1	293	NON	> 5 min
8/19/2024	ARD-43	EF	UTR	8	1,349	NON	> 5 min
8/19/2024	FAC-25	SO	OPO	39	4,726	NON	> 5 min
8/19/2024	ROS-13	EF	USV	1	115	NON	> 5 min
8/19/2024	MED-36	BA	OTF	1	100	NON	> 5 min
8/19/2024	HOU-25	TV	OCO	477	9,293	NON	> 5 min
8/19/2024	HOU-23	TV	OCO	763	14,866	NON	> 5 min
8/19/2024	CLY-27	TV	OCO	4	78	NON	> 5 min
8/19/2024	COL-26	EF	OFU	28	188	NON	> 5 min
8/20/2024	NOB-24	CP	OCO	13	6,273	NON	> 5 min
8/20/2024	NRU-27	SO	UPC	4	866	NON	> 5 min
8/21/2024	HOU-25	EF	OCO	3	603	NON	> 5 min
8/22/2024	GOO-13	EF	USV	1	586	NON	> 5 min
8/22/2024	EGT-16	EF	UPC	21	3,976	NON	> 5 min
8/22/2024	SOM-13	SO	UPC	7	374	NON	> 5 min
8/22/2024	HOU-23	AC	UPT	25	712	NON	> 5 min
8/23/2024	MLK-16	EF	UTR	15	5,948	NON	> 5 min
8/23/2024	BTR-21	SO	UPT	1	93	NON	> 5 min
8/24/2024	CLY-26	EF	UTR	8	1,106	NON	> 5 min
8/24/2024	CLY-23	TV	OPO	38	12,638	NON	> 5 min
8/25/2024	HAZ-13	EF	OTR	3	165	NON	> 5 min
8/26/2024	NOB-13	SO	UEL	3	678	NON	> 5 min
8/26/2024	PHA-16	EF	OSV	7	837	NON	> 5 min
8/26/2024	NOB-24	TV	OSV	5	287	NON	> 5 min
8/27/2024	SOM-13	EF	OTR	1	399	NON	> 5 min
8/27/2024	SOM-16	SO	OSV	6	1,035	NON	> 5 min
8/27/2024	HOU-25	TV	OTF	4	427	NON	> 5 min
8/27/2024	NRU-23	TV	OSV	1	9	NON	> 5 min
8/28/2024	EGT-11	EF	USV	1	196	NON	> 5 min
8/28/2024	ARD-11	EF	UPC	70	8,756	NON	> 5 min
8/28/2024	SOM-16	DU	UPC	1	78	NON	> 5 min
8/28/2024	EVE-23	SO	UHH	5	385	NON	> 5 min
8/29/2024	MLK-13	SO	OTR	42	10,951	NON	> 5 min
8/30/2024	PHA-17	EF	UPC	5	2,190	NON	> 5 min
9/1/2024	OVE-12	EF	OCO	37	7,979	NON	> 5 min
9/2/2024	MED-35	BA	OFU	83	9,412	NON	> 5 min
9/2/2024	MED-35	EF	OMP	1	84	NON	> 5 min
9/3/2024	SBE-26	UN	UHH	2	752	NON	> 5 min
9/3/2024	SBE-26	SO	UPC	11	1,045	NON	> 5 min
9/4/2024	HAZ-12	SO	OPO	4	831	NON	> 5 min
9/4/2024	EVE-23	BA	OFU	263	27,260	NON	> 5 min
9/4/2024	EVE-23	EF	UTR	5	498	NON	> 5 min
9/4/2024	LOC-33	SO	UTR	1	1	NON	> 1 & <= 5 min
9/5/2024	HAZ-12	SO	UHH	6	1,479	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
9/5/2024	EGT-15	SO	OTR	7	949	NON	> 5 min
9/6/2024	COL-26	EF	OPO	5	531	NON	> 5 min
9/7/2024	MLK-16	EF	UPC	75	7,842	NON	> 5 min
9/7/2024	LHL-25	EF	OMP	1	90	NON	> 5 min
9/7/2024	OVE-12	BA	OTF	3	130	NON	> 5 min
9/8/2024	PHA-16	EF	UPC	99	29,104	NON	> 5 min
9/9/2024	BTR-22	DU	USV	1	649	NON	> 5 min
9/9/2024	MLK-13	EF	UEL	180	24,438	NON	> 5 min
9/9/2024	BTR-22	DU	USV	8	2,427	NON	> 5 min
9/9/2024	EGT-12	SO	UPT	5	705	NON	> 5 min
9/9/2024	SBE-22	EF	USV	1	136	NON	> 5 min
9/10/2024	EGT-28	EF	USV	1	1,453	NON	> 5 min
9/10/2024	COL-26	CP	UPT	5	509	NON	> 5 min
9/10/2024	COL-26	EF	UPT	18	1,514	NON	> 5 min
9/11/2024	KWH-23	SO	UPC	27	2,440	NON	> 5 min
9/12/2024	NRU-27	EF	UTR	4	947	NON	> 5 min
9/12/2024	NOB-24	DU	USC	1	385	NON	> 5 min
9/12/2024	NRU-27	SO	UPT	2	114	NON	> 5 min
9/13/2024	EGT-11	EF	USV	5	1,132	NON	> 5 min
9/13/2024	SOM-15	EF	USC	1	164	NON	> 5 min
9/15/2024	NOB-14	SO	UEL	3	847	NON	> 5 min
9/15/2024	CLY-23	SO	UPT	44	1,283	NON	> 5 min
9/18/2024	KWH-22	EF	UPC	2	470	NON	> 5 min
9/20/2024	OVE-15	EF	OTR	3	303	NON	> 5 min
9/20/2024	FAC-12	BA	OTF	4	243	NON	> 5 min
9/21/2024	MED-36	EF	UPC	26	4,095	NON	> 5 min
9/21/2024	FAC-12	EF	USV	1	128	NON	> 5 min
9/22/2024	EGT-25	EF	USV	1	554	NON	> 5 min
9/23/2024	SOM-15	EF	USC	1	176	NON	> 5 min
9/23/2024	SOM-16	SO	UTR	8	992	NON	> 5 min
9/24/2024	BTR-22	EF	USV	1	343	NON	> 5 min
9/25/2024	SBE-26	TV	OTF	5	912	NON	> 5 min
9/25/2024	LHL-23	SO	OTR	4	663	NON	> 5 min
9/25/2024	SBE-26	SO	OPO	7	220	NON	> 5 min
9/27/2024	HAZ-13	TV	OCO	32	19,652	NON	> 5 min
9/27/2024	EGT-28	EF	UPC	52	15,707	NON	> 5 min
9/27/2024	EGT-25	SO	OTR	6	1,227	NON	> 5 min
9/28/2024	LHL-25	EF	OFU	14	5,959	NON	> 5 min
9/28/2024	CEN-22	SO	ACE	1	224	NON	> 5 min
9/28/2024	EVE-23	EF	USC	1	72	NON	> 5 min
9/29/2024	HAZ-12	TV	OCO	24	10,263	NON	> 5 min
9/29/2024	HAZ-12	EF	UPC	74	21,792	NON	> 5 min
9/29/2024	EVE-23	EF	USC	1	331	NON	> 5 min
9/30/2024	KWH-25	EF	USC	1	632	NON	> 5 min
9/30/2024	PHA-17	EF	OCN	1	134	NON	> 5 min
9/30/2024	KWH-25	EF	USC	1	-	NON	<= 1 min
10/1/2024	SOM-13	EF	USV	1	212	NON	> 5 min
10/1/2024	NRU-25	SO	UOT	11	1,623	NON	> 5 min
10/2/2024	NOB-24	SO	UOT	12	466	NON	> 5 min
10/3/2024	LHL-26	DU	UOT	10	3,915	NON	> 5 min
10/4/2024	EGT-16	SO	OPO	8	2,537	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
10/4/2024	HAZ-12	SO	UHH	3	223	NON	> 5 min
10/7/2024	LHL-22	EF	USV	1	127	NON	> 5 min
10/8/2024	EGT-28	SO	USV	7	1,602	NON	> 5 min
10/9/2024	EVE-23	EF	UPC	76	22,854	NON	> 5 min
10/12/2024	HOU-25	BA	OFU	7	415	NON	> 5 min
10/13/2024	FAC-12	EF	USC	1	354	NON	> 5 min
10/14/2024	HOU-25	AC	OCN	1	294	NON	> 5 min
10/14/2024	SBE-26	SO	OTR	1	105	NON	> 5 min
10/15/2024	CLY-26	EF	OTR	6	271	NON	> 5 min
10/16/2024	LOC-22	EF	OTR	21	12,788	NON	> 5 min
10/16/2024	OVE-12	BA	OTR	3	1,141	NON	> 5 min
10/17/2024	MLK-15	TV	OTR	3	1,232	NON	> 5 min
10/17/2024	SOM-16	TV	OCN	1	336	NON	> 5 min
10/17/2024	EGT-28	EF	UPC	45	9,456	NON	> 5 min
10/17/2024	MLK-15	TV	OTR	3	-	NON	<= 1 min
10/18/2024	MLK-16	SO	OPO	1	147	NON	> 5 min
10/19/2024	LHL-22	BA	OTF	6	920	NON	> 5 min
10/20/2024	FAC-12	BA	OTF	4	216	NON	> 5 min
10/21/2024	LOC-22	SO	ACE	34	8,447	NON	> 5 min
10/21/2024	PHA-13	BA	OTF	8	457	NON	> 5 min
10/25/2024	SOM-13	EF	USC	1	1,744	NON	> 5 min
10/25/2024	SBE-22	BA	OTF	25	1,996	NON	> 5 min
10/26/2024	LHL-22	TV	OSV	12	16,542	NON	> 5 min
10/26/2024	SOM-16	EF	UPC	67	15,574	NON	> 5 min
10/26/2024	LHL-22	TV	OCO	445	333,535	NON	> 5 min
10/26/2024	CEN-22	CR	USC	7	3,143	NON	> 5 min
10/26/2024	LHL-26	TV	OFU	82	7,462	NON	> 5 min
10/27/2024	EGT-27	TV	OCN	1	65	NON	> 5 min
10/29/2024	SOM-13	EF	OPO	4	1,943	NON	> 5 min
10/29/2024	CLY-26	SO	UPS	6	2,691	NON	> 5 min
10/30/2024	SBE-26	EF	UOT	229	27,965	NON	> 5 min
10/31/2024	SOM-17	EF	OPO	1	279	NON	> 5 min
11/1/2024	MLK-12	EF	OTR	6	336	NON	> 5 min
11/1/2024	MLK-12	EF	OTR	1	-	NON	<= 1 min
11/2/2024	MLK-15	EF	UTR	21	4,510	NON	> 5 min
11/2/2024	HAZ-12	TV	OCO	253	195,857	NON	> 5 min
11/2/2024	HAZ-12	TV	OCO	3,349	559	NON	<= 1 min
11/3/2024	FAC-25	EF	UPC	95	18,180	NON	> 5 min
11/3/2024	GOO-13	EF	USC	1	129	NON	> 5 min
11/5/2024	KWH-25	EF	USV	1	745	NON	> 5 min
11/5/2024	EGT-28	EF	USV	1	225	NON	> 5 min
11/6/2024	BTR-21	EF	UPC	173	32,764	NON	> 5 min
11/6/2024	COL-26	EF	USC	1	54	NON	> 5 min
11/8/2024	PHA-15	SO	OTF	14	5,653	NON	> 5 min
11/9/2024	CEN-25	BA	OTF	5	1,082	NON	> 5 min
11/9/2024	EGT-15	TV	OHR	266	1,272	NON	> 1 & <= 5 min
11/10/2024	EGT-11	UN	USC	1	657	NON	> 5 min
11/12/2024	HAZ-13	EF	OTR	7	2,379	NON	> 5 min
11/13/2024	KWH-26	EF	USV	1	500	NON	> 5 min
11/14/2024	KWH-26	EF	USC	1	270	NON	> 5 min
11/14/2024	BTR-21	SO	UPC	34	3,849	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
11/15/2024	FAC-25	EF	UFJ	11	979	NON	> 5 min
11/15/2024	HOU-25	TV	OFU	1	321	NON	> 5 min
11/16/2024	LHL-22	EF	OCN	1	112	NON	> 5 min
11/17/2024	HAZ-12	EF	USV	1	247	NON	> 5 min
11/17/2024	SOM-13	TV	OCO	56	12,643	NON	> 5 min
11/18/2024	NRU-23	EF	UPC	4	3,020	NON	> 5 min
11/18/2024	EGT-15	EF	UPC	20	6,601	NON	> 5 min
11/18/2024	EGT-15	TV	OCO	86	23,526	NON	> 5 min
11/18/2024	EGT-25	EF	OTF	6	3,074	NON	> 5 min
11/18/2024	NRU-23	TV	OCO	4	1,442	NON	> 5 min
11/19/2024	MLK-15	EF	OCO	42	152,704	MEJ	> 5 min
11/19/2024	EGT-15	EF	UPT	2	10,122	MEJ	> 5 min
11/19/2024	KWH-23	TV	OCO	13	128,587	MEJ	> 5 min
11/19/2024	LHL-26	TV	OCO	12	108,436	MEJ	> 5 min
11/19/2024	SOM-16	TV	OCO	133	1,162,881	MEJ	> 5 min
11/19/2024	EGT-28	TV	OCO	32	274,465	MEJ	> 5 min
11/19/2024	SOM-13	TV	OCO	145	1,071,997	MEJ	> 5 min
11/19/2024	LOC-22	TV	OCO	182	1,553,425	MEJ	> 5 min
11/19/2024	EGT-11	TV	OCO	5	42,676	MEJ	> 5 min
11/19/2024	NOB-22	TV	OTR	83	626,183	MEJ	> 5 min
11/19/2024	BTR-22	TV	OCO	115	706,634	MEJ	> 5 min
11/19/2024	KWH-23	TV	OCO	1	8,317	MEJ	> 5 min
11/19/2024	EGT-12	TV	OCO	32	253,487	MEJ	> 5 min
11/19/2024	KWH-25	TV	OCO	380	3,065,674	MEJ	> 5 min
11/19/2024	KWH-25	TV	OCO	25	201,734	MEJ	> 5 min
11/19/2024	MLK-15	TV	OCO	152	604,946	MEJ	> 5 min
11/19/2024	MLK-15	TV	OCO	98	390,004	MEJ	> 5 min
11/19/2024	BTR-22	TV	OCO	25	193,416	MEJ	> 5 min
11/19/2024	KWH-25	TV	OCO	14	106,161	MEJ	> 5 min
11/19/2024	HOU-25	TV	OCO	4	29,549	MEJ	> 5 min
11/19/2024	KWH-23	TV	OCO	192	1,377,872	MEJ	> 5 min
11/19/2024	KWH-23	TV	OSV	10	71,764	MEJ	> 5 min
11/19/2024	EVE-23	TV	OCO	46	328,267	MEJ	> 5 min
11/19/2024	KWH-22	TV	OCO	6	42,346	MEJ	> 5 min
11/19/2024	KWH-23	ND	OCO	21	146,317	MEJ	> 5 min
11/19/2024	EVE-23	TV	OCO	198	1,378,248	MEJ	> 5 min
11/19/2024	PHA-13	TV	OCO	213	1,467,442	MEJ	> 5 min
11/19/2024	HOU-23	TV	OCO	3	20,273	MEJ	> 5 min
11/19/2024	HAZ-12	TV	OCO	18	120,328	MEJ	> 5 min
11/19/2024	EVE-23	TV	OCO	552	3,497,843	MEJ	> 5 min
11/19/2024	EVE-23	TV	OSV	12	80,027	MEJ	> 5 min
11/19/2024	KWH-25	TV	OCO	4	26,654	MEJ	> 5 min
11/19/2024	EVE-23	TV	OFU	2,049	13,572,148	MEJ	> 5 min
11/19/2024	EVE-23	TV	OCO	109	725,166	MEJ	> 5 min
11/19/2024	BTR-21	TV	OCO	1,173	7,671,696	MEJ	> 5 min
11/19/2024	HOU-25	TV	OCO	268	855,373	MEJ	> 5 min
11/19/2024	EVE-23	TV	OCO	5	31,254	MEJ	> 5 min
11/19/2024	LHL-22	TV	OCO	143	855,776	MEJ	> 5 min
11/19/2024	LHL-22	TV	OCO	25	148,272	MEJ	> 5 min
11/19/2024	EGT-15	TV	OCO	1	5,922	MEJ	> 5 min
11/19/2024	EGT-15	TV	OCO	1	5,922	MEJ	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
11/19/2024	EGT-27	TV	OPO	384	2,064,559	MEJ	> 5 min
11/19/2024	KWH-25	TV	OCO	900	3,813,604	MEJ	> 5 min
11/19/2024	CLY-26	TV	OCO	21	117,761	MEJ	> 5 min
11/19/2024	KWH-23	TV	OHR	681	3,670,023	MEJ	> 5 min
11/19/2024	EGT-15	TV	OCO	276	1,480,892	MEJ	> 5 min
11/19/2024	EGT-25	TV	OCO	34	182,096	MEJ	> 5 min
11/19/2024	BTR-22	TV	OCO	334	1,784,000	MEJ	> 5 min
11/19/2024	LHL-22	TV	OCO	840	4,418,512	MEJ	> 5 min
11/19/2024	BTR-22	TV	OCO	202	956,780	MEJ	> 5 min
11/19/2024	HOU-25	TV	OCO	1,200	2,787,958	MEJ	> 5 min
11/19/2024	HOU-23	TV	OCO	1,536	3,570,460	MEJ	> 5 min
11/19/2024	CLY-27	TV	OCO	8	18,743	MEJ	> 5 min
11/19/2024	HOU-25	TV	OCO	1	4,662	MEJ	> 5 min
11/19/2024	EGT-25	TV	OCO	2,285	5,024,539	MEJ	> 5 min
11/19/2024	ROS-13	TV	OCO	824	3,719,042	MEJ	> 5 min
11/19/2024	BTR-14	TV	OCO	1,035	4,671,369	MEJ	> 5 min
11/19/2024	BTR-14	TV	OCO	1	4,513	MEJ	> 5 min
11/19/2024	HAZ-12	TV	OCO	3,070	12,054,951	MEJ	> 5 min
11/19/2024	SOM-17	TV	OCO	1,773	5,658,902	MEJ	> 5 min
11/19/2024	SOM-16	TV	OCO	2,124	6,780,457	MEJ	> 5 min
11/19/2024	SOM-16	TV	OSV	1	4,431	MEJ	> 5 min
11/19/2024	EGT-25	TV	OCO	74	324,613	MEJ	> 5 min
11/19/2024	KWH-22	TV	OCO	721	1,952,127	MEJ	> 5 min
11/19/2024	CLY-26	TV	OCO	8	34,366	MEJ	> 5 min
11/19/2024	CLY-23	TV	OCO	45	189,915	MEJ	> 5 min
11/19/2024	EGT-25	TV	OCO	8	33,663	MEJ	> 5 min
11/19/2024	EGT-25	TV	OCO	5	21,039	MEJ	> 5 min
11/19/2024	COL-26	TV	OCO	1,929	8,031,016	MEJ	> 5 min
11/19/2024	COL-23	TV	OCO	67	279,666	MEJ	> 5 min
11/19/2024	COL-22	TV	OCO	1	4,174	MEJ	> 5 min
11/19/2024	COL-25	TV	OCO	40	166,965	MEJ	> 5 min
11/19/2024	COL-26	TV	OCO	28	116,666	MEJ	> 5 min
11/19/2024	COL-24	TV	OCO	20	82,201	MEJ	> 5 min
11/19/2024	COL-25	TV	OCO	196	804,868	MEJ	> 5 min
11/19/2024	PHA-16	TV	OCO	43	176,348	MEJ	> 5 min
11/19/2024	GOO-13	TV	OCO	214	876,439	MEJ	> 5 min
11/19/2024	HAZ-12	TV	OCO	226	876,899	MEJ	> 5 min
11/19/2024	HAZ-12	TV	OCO	17	65,961	MEJ	> 5 min
11/19/2024	HAZ-12	TV	OCO	7	27,161	MEJ	> 5 min
11/19/2024	HAZ-12	TV	OCO	7	27,161	MEJ	> 5 min
11/19/2024	HAZ-12	TV	OCO	3	11,640	MEJ	> 5 min
11/19/2024	HAZ-12	TV	OCO	1	3,880	MEJ	> 5 min
11/19/2024	SBE-22	TV	OCO	425	1,635,145	MEJ	> 5 min
11/19/2024	EGT-11	TV	OCO	1,242	4,107,583	MEJ	> 5 min
11/19/2024	EGT-11	TV	OCO	1	3,307	MEJ	> 5 min
11/19/2024	EGT-25	TV	OCO	8	24,780	MEJ	> 5 min
11/19/2024	FAC-12	TV	OCO	833	2,516,035	MEJ	> 5 min
11/19/2024	FAC-13	ND	OCO	595	1,791,704	MEJ	> 5 min
11/19/2024	FAC-23	TV	OCO	589	1,761,748	MEJ	> 5 min
11/19/2024	CLY-25	TV	OCO	1,692	3,842,691	MEJ	> 5 min
11/19/2024	CLY-23	TV	OCO	497	1,388,030	MEJ	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
11/19/2024	KWH-22	TV	OCO	53	139,509	MEJ	> 5 min
11/19/2024	KWH-22	TV	OCO	12	31,587	MEJ	> 5 min
11/19/2024	KWH-22	TV	OCO	1	2,632	MEJ	> 5 min
11/19/2024	OVE-15	TV	OCO	13	33,746	MEJ	> 5 min
11/19/2024	EGT-28	ND	OCO	1,706	4,344,300	MEJ	> 5 min
11/19/2024	GOO-13	TV	OCO	1	2,476	MEJ	> 5 min
11/19/2024	CLY-27	TV	OCO	777	1,894,637	MEJ	> 5 min
11/19/2024	KWH-26	TV	OCO	379	801,490	MEJ	> 5 min
11/19/2024	MLK-15	TV	OPO	1,045	1,937,900	MEJ	> 5 min
11/19/2024	MLK-15	TV	OCO	267	495,138	MEJ	> 5 min
11/19/2024	MLK-15	TV	OCO	62	114,976	MEJ	> 5 min
11/19/2024	MLK-15	TV	OCO	35	64,906	MEJ	> 5 min
11/19/2024	MLK-15	TV	OCO	13	24,108	MEJ	> 5 min
11/19/2024	SBE-25	TV	OCO	640	1,136,779	MEJ	> 5 min
11/19/2024	SBE-25	TV	OCO	2	3,552	MEJ	> 5 min
11/19/2024	SOM-17	TV	OCO	6	10,244	MEJ	> 5 min
11/19/2024	SOM-17	TV	OCO	6	10,244	MEJ	> 5 min
11/19/2024	EGT-13	TV	OCO	7	11,879	MEJ	> 5 min
11/19/2024	EGT-26	TV	OCO	24	40,598	MEJ	> 5 min
11/19/2024	FAC-14	TV	OCO	473	744,328	MEJ	> 5 min
11/19/2024	LHL-26	TV	OCO	11	16,777	MEJ	> 5 min
11/19/2024	SBE-26	ND	OCO	25	33,373	MEJ	> 5 min
11/19/2024	EGT-16	TV	OCO	47	609	MEJ	> 5 min
11/19/2024	EGT-12	TV	OCO	4,001	4,669	MEJ	> 1 & <= 5 min
11/19/2024	EGT-15	TV	OCO	155	181	MEJ	> 1 & <= 5 min
11/19/2024	EGT-12	TV	OCO	30	35	MEJ	> 1 & <= 5 min
11/19/2024	GOO-13	TV	OCO	29	34	MEJ	> 1 & <= 5 min
11/19/2024	EGT-15	TV	OCO	1	1	MEJ	> 1 & <= 5 min
11/19/2024	GOO-13	TV	OCO	1	1	MEJ	> 1 & <= 5 min
11/19/2024	HOU-25	TV	OCO	1	1	MEJ	> 1 & <= 5 min
11/19/2024	SBE-25	TV	OCO	640	117	MEJ	<= 1 min
11/19/2024	SBE-25	TV	OCO	2	-	MEJ	<= 1 min
11/19/2024	CLY-26	ND	OCO	1,392	232	MEJ	<= 1 min
11/19/2024	EGT-16	TV	OCO	496	83	MEJ	<= 1 min
11/19/2024	EVE-23	TV	OFU	2,049	342	MEJ	<= 1 min
11/19/2024	MLK-15	TV	OPO	1,045	175	MEJ	<= 1 min
11/19/2024	KWH-25	TV	OCO	900	150	MEJ	<= 1 min
11/19/2024	KWH-25	TV	OCO	380	63	MEJ	<= 1 min
11/19/2024	EVE-23	TV	OCO	552	92	MEJ	<= 1 min
11/19/2024	MLK-15	TV	OCO	267	45	MEJ	<= 1 min
11/19/2024	EVE-23	TV	OCO	198	33	MEJ	<= 1 min
11/19/2024	EGT-15	TV	OCO	17	3	MEJ	<= 1 min
11/19/2024	MLK-15	TV	OCO	62	10	MEJ	<= 1 min
11/19/2024	EVE-23	TV	OCO	109	18	MEJ	<= 1 min
11/19/2024	EGT-25	TV	OCO	34	6	MEJ	<= 1 min
11/19/2024	MLK-15	TV	OCO	35	6	MEJ	<= 1 min
11/19/2024	LHL-26	TV	OCO	9	2	MEJ	<= 1 min
11/19/2024	EVE-23	TV	OCO	46	8	MEJ	<= 1 min
11/19/2024	KWH-25	TV	OCO	25	4	MEJ	<= 1 min
11/19/2024	CLY-26	TV	OCO	21	4	MEJ	<= 1 min
11/19/2024	MLK-15	TV	OCO	13	2	MEJ	<= 1 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
11/19/2024	EGT-25	TV	OCO	8	1	MEJ	<= 1 min
11/19/2024	EGT-25	TV	OCO	8	1	MEJ	<= 1 min
11/19/2024	CLY-26	TV	OCO	8	1	MEJ	<= 1 min
11/19/2024	EGT-25	TV	OCO	5	1	MEJ	<= 1 min
11/19/2024	EVE-23	TV	OSV	12	2	MEJ	<= 1 min
11/19/2024	EGT-15	TV	OCO	1	-	MEJ	<= 1 min
11/19/2024	KWH-25	TV	OCO	4	1	MEJ	<= 1 min
11/19/2024	EVE-23	TV	OCO	5	1	MEJ	<= 1 min
11/19/2024	SBE-22	TV	OCO	425	64	MEJ	<= 1 min
11/19/2024	LHL-26	TV	OCO	421	56	MEJ	<= 1 min
11/19/2024	LHL-26	TV	OCO	93	12	MEJ	<= 1 min
11/19/2024	LHL-26	TV	OCO	18	2	MEJ	<= 1 min
11/19/2024	LHL-26	TV	OCO	11	1	MEJ	<= 1 min
11/19/2024	EGT-12	TV	OCO	4,003	10,067,060	MEJ	<= 1 min
11/20/2024	PHA-13	TV	OCO	11	78,447	MEJ	> 5 min
11/20/2024	NRU-23	TV	OCO	102	651,620	MEJ	> 5 min
11/20/2024	PHA-16	TV	OCO	42	251,693	MEJ	> 5 min
11/20/2024	LHL-25	TV	OCO	325	536,618	MEJ	> 5 min
11/20/2024	SBE-26	TV	OCO	131	126,103	MEJ	> 5 min
11/21/2024	MLK-16	TV	OCO	21	157,619	MEJ	> 5 min
11/21/2024	KWH-26	TV	OCO	51	305,521	MEJ	> 5 min
11/21/2024	NRU-23	TV	OCO	198	354,725	MEJ	> 5 min
11/21/2024	SBE-26	TV	OCN	1	5,896	MEJ	> 5 min
11/21/2024	NRU-23	TV	OCO	23	134,527	MEJ	> 5 min
11/21/2024	SBE-26	TV	OCO	6	35,055	MEJ	> 5 min
11/21/2024	MED-36	EF	UPC	49	265,583	MEJ	> 5 min
11/21/2024	PHA-16	TV	OSV	5	26,916	MEJ	> 5 min
11/21/2024	MED-35	EF	OCO	34	156,662	MEJ	> 5 min
11/21/2024	KWH-26	TV	OCO	131	657,677	MEJ	> 5 min
11/21/2024	KWH-22	TV	OCO	1	4,855	MEJ	> 5 min
11/21/2024	SOM-17	TV	OCO	6	27,525	MEJ	> 5 min
11/21/2024	LHL-25	TV	OCO	8	35,112	MEJ	> 5 min
11/21/2024	PHA-16	TV	OCO	36	151,147	MEJ	> 5 min
11/21/2024	PHA-16	TV	OCO	58	238,224	MEJ	> 5 min
11/21/2024	MLK-15	TV	OCO	131	429,874	MEJ	> 5 min
11/21/2024	CLY-26	TV	OCO	4	7,779	MEJ	> 5 min
11/21/2024	NRU-23	TV	OCO	67	118,305	MEJ	> 5 min
11/21/2024	NRU-23	TV	OCO	152	90,285	MEJ	> 5 min
11/21/2024	GOO-13	TV	OCO	1	558	MEJ	> 5 min
11/21/2024	LHL-26	TV	OCO	18	7,195	MEJ	> 5 min
11/21/2024	LHL-26	TV	OCO	93	10,524	MEJ	> 5 min
11/21/2024	CLY-23	TV	OCO	497	48,996	MEJ	> 5 min
11/22/2024	GOO-13	TV	OCO	43	20,092	MEJ	> 5 min
11/22/2024	COL-23	TV	OCO	18	74,253	MEJ	> 5 min
11/22/2024	EGT-12	TV	OCO	29	114,946	MEJ	> 5 min
11/22/2024	COL-26	TV	OSV	5	19,161	MEJ	> 5 min
11/22/2024	COL-26	TV	OSV	1	3,825	MEJ	> 5 min
11/22/2024	GOO-13	TV	OCO	4	13,585	MEJ	> 5 min
11/22/2024	CLY-25	EF	OCO	3,383	1,849,706	MEJ	> 5 min
11/22/2024	COL-26	TV	OTF	3	8,912	MEJ	> 5 min
11/22/2024	COL-26	TV	OCO	71	175,514	MEJ	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
11/22/2024	GOO-13	TV	OCO	621	1,142,478	MEJ	> 5 min
11/22/2024	GOO-13	TV	OCO	251	454,829	MEJ	> 5 min
11/22/2024	COL-23	TV	OCO	117	-	MEJ	> 5 min
11/22/2024	COL-22	TV	OCO	1	(1)	MEJ	> 5 min
11/22/2024	COL-23	TV	OCO	27	27,328	MEJ	> 5 min
11/22/2024	ROS-13	TV	OCO	1,264	160,684	MEJ	> 5 min
11/22/2024	BTR-14	TV	OCO	1,588	201,830	MEJ	> 5 min
11/22/2024	EGT-12	TV	OCO	1,526	413,710	MEJ	> 5 min
11/22/2024	GOO-13	TV	OCO	1,135	307,908	MEJ	> 5 min
11/22/2024	EGT-12	TV	OCO	122	31,655	MEJ	> 5 min
11/22/2024	BTR-14	TV	OCO	1	67	MEJ	> 5 min
11/22/2024	BTR-14	TV	OCO	1	28	MEJ	> 5 min
11/23/2024	EGT-25	EF	OCO	489	212,018	NON	> 5 min
11/23/2024	MLK-16	TV	OCO	34	114,086	NON	> 5 min
11/23/2024	SOM-13	TV	OCO	3	8,675	NON	> 5 min
11/23/2024	OVE-15	TV	OCO	74	156,995	NON	> 5 min
11/23/2024	COL-23	TV	OCO	27	3,412	MEJ	> 5 min
11/23/2024	COL-23	TV	OCO	27	2,646	MEJ	> 5 min
11/23/2024	MLK-13	TV	OCO	95	3,724	NON	> 5 min
11/23/2024	MLK-12	TV	OCO	75	1	NON	<= 1 min
11/24/2024	HAZ-12	TV	USC	1	3,554	NON	> 5 min
11/24/2024	HAZ-13	TV	OCO	10	21,344	NON	> 5 min
11/24/2024	BTR-21	TV	OCO	173	368,715	NON	> 5 min
11/24/2024	SOM-16	TV	OCO	288	502,085	NON	> 5 min
11/24/2024	COL-26	TV	OCO	32	2,378	NON	> 5 min
11/24/2024	BTR-22	TV	OCO	8	10,582	MEJ	> 5 min
11/24/2024	BTR-14	EF	UPT	15	11,128	NON	> 5 min
11/24/2024	KWH-22	TV	OSV	1	1,249	NON	> 5 min
11/24/2024	SOM-16	TV	OTF	1	1,015	NON	> 5 min
11/24/2024	COL-26	TV	OCO	726	115,087	NON	> 5 min
11/24/2024	KWH-22	TV	OCO	12	7,531	NON	> 5 min
11/24/2024	LHL-25	TV	OCO	9	4,689	NON	> 5 min
11/24/2024	BTR-14	EF	OCO	57	26,370	NON	> 5 min
11/24/2024	KWH-22	TV	OCO	106	30,176	NON	> 5 min
11/24/2024	NRU-23	TV	OSV	2	507	NON	> 5 min
11/24/2024	PHA-16	TV	OCO	1,072	199,749	NON	> 5 min
11/25/2024	KWH-25	TV	OCO	1	1,989	NON	> 5 min
11/25/2024	PHA-16	TV	OCO	4	7,361	NON	> 5 min
11/25/2024	COL-26	TV	OCO	73	41,429	NON	> 5 min
11/25/2024	KWH-25	TV	OCO	2	2,743	NON	> 5 min
11/25/2024	BTR-22	TV	OCO	1	1,222	MEJ	> 5 min
11/25/2024	GOO-13	TV	OCO	1	852	NON	> 5 min
11/25/2024	BTR-14	TV	OCO	3	2,384	NON	> 5 min
11/25/2024	COL-23	EF	UFJ	6	4,701	NON	> 5 min
11/25/2024	SOM-16	TV	OCO	128	98,104	NON	> 5 min
11/25/2024	SOM-16	TV	OCO	5	3,834	NON	> 5 min
11/25/2024	PHA-13	TV	OCO	41	26,999	NON	> 5 min
11/25/2024	BTR-22	ND	USC	4	2,521	NON	> 5 min
11/25/2024	KWH-25	TV	OSV	1	374	NON	> 5 min
11/25/2024	KWH-25	TV	OCO	25	9,105	MEJ	> 5 min
11/25/2024	MED-35	EF	UPC	34	4,130	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
11/25/2024	HAZ-13	TV	OCO	2	337	NON	> 5 min
11/25/2024	SOM-16	TV	OCO	133	19,072	NON	> 5 min
11/25/2024	SBE-26	TV	OCO	12	1,075	NON	> 5 min
11/25/2024	LHL-25	TV	OCO	15	822	NON	> 5 min
11/25/2024	LHL-25	TV	OCO	11	553	NON	> 5 min
11/25/2024	MLK-12	TV	OCO	82	1,100	NON	> 5 min
11/25/2024	COL-26	TV	OCO	82	1,100	NON	> 5 min
11/26/2024	COL-23	EF	UPC	1	5,973	NON	> 5 min
11/26/2024	SOM-13	TV	OCO	7	9,135	NON	> 5 min
11/26/2024	KWH-26	TV	OSV	1	904	NON	> 5 min
11/26/2024	KWH-22	EF	OSV	1	695	NON	> 5 min
11/26/2024	KWH-22	TV	OCN	1	638	NON	> 5 min
11/26/2024	EVE-23	TV	OSV	9	2,601	NON	> 5 min
11/26/2024	MLK-12	EF	UFJ	41	8,702	NON	> 5 min
11/26/2024	COL-23	EF	UPC	23	1,613	NON	> 5 min
11/26/2024	SOM-16	TV	OCO	67	3,522	NON	> 5 min
11/26/2024	SOM-16	TV	OCO	5	263	NON	> 5 min
11/26/2024	KWH-26	TV	OCO	15	321	NON	> 5 min
11/26/2024	BTR-14	TV	OCO	3	19	NON	> 5 min
11/27/2024	PHA-13	TV	OCO	1	1,723	NON	> 5 min
11/27/2024	CLY-25	EF	UOT	130	33,046	NON	> 5 min
11/29/2024	EVE-23	ND	OCO	1	308	NON	> 5 min
11/29/2024	LHL-22	TV	OSV	4	640	NON	> 5 min
11/30/2024	SBE-26	EF	OTF	5	669	NON	> 5 min
11/30/2024	OVE-15	BA	OTF	3	265	NON	> 5 min
12/1/2024	CLY-25	EF	UFJ	68	13,599	NON	> 5 min
12/2/2024	BTR-21	EF	OFU	14	4,509	NON	> 5 min
12/2/2024	MED-35	EF	UTR	6	428	NON	> 5 min
12/2/2024	LHL-25	TV	OFU	1	10	NON	> 5 min
12/3/2024	EVE-23	TV	OTF	1	734	NON	> 5 min
12/3/2024	SOM-17	SO	UGV	8	973	NON	> 5 min
12/4/2024	NOB-21	EF	UTR	1	2,329	NON	> 5 min
12/4/2024	NOB-21	SO	USV	1	150	NON	> 5 min
12/4/2024	SOM-13	TV	OSV	2	295	NON	> 5 min
12/4/2024	SBE-25	EF	UTR	51	3,604	NON	> 5 min
12/5/2024	NOB-24	TV	OSV	1	199	NON	> 5 min
12/5/2024	LHL-22	SO	OCO	29	732	NON	> 5 min
12/6/2024	SOM-13	EF	OTF	2	1,343	NON	> 5 min
12/6/2024	KWH-25	TV	OSV	1	439	NON	> 5 min
12/7/2024	SOM-16	EF	OTR	5	5,721	NON	> 5 min
12/7/2024	SBE-26	EF	UTR	10	5,145	NON	> 5 min
12/7/2024	KWH-23	TV	OCO	204	102,663	NON	> 5 min
12/7/2024	EVE-23	EF	USV	1	289	NON	> 5 min
12/7/2024	OVE-15	TV	OCO	6	971	NON	> 5 min
12/7/2024	PHA-16	EF	OCN	3	312	NON	> 5 min
12/8/2024	KWH-23	TV	OCO	204	107,403	NON	> 5 min
12/10/2024	BTR-21	DU	UPC	212	43,330	NON	> 5 min
12/10/2024	NRU-25	SO	UPT	4	11	NON	> 1 & <= 5 min
12/11/2024	KWH-25	FI	OCO	1	1,961	NON	> 5 min
12/11/2024	KWH-22	CE	USV	1	943	NON	> 5 min
12/11/2024	OVE-15	SO	UPT	2	767	NON	> 5 min

DATE	CIRCUIT	CAUSE	EQUIPMENT	CUSTOMERS OUT	CUSTOMER MINUTES	STORM CODE	Duration
12/11/2024	PHA-13	EF	UHH	6	174	NON	> 5 min
12/12/2024	LHL-25	SO	OTR	72	28,238	NON	> 5 min
12/12/2024	MLK-13	EF	UPC	208	39,649	NON	> 5 min
12/13/2024	BTR-22	SO	OPO	8	2,869	NON	> 5 min
12/13/2024	MLK-13	EF	UPC	49	11,116	NON	> 5 min
12/13/2024	EGT-11	TV	OFU	8	561	NON	> 5 min
12/14/2024	HAZ-13	TV	OTF	2	1,786	MEJ	> 5 min
12/14/2024	SBE-25	TV	OCO	643	501,294	MEJ	> 5 min
12/14/2024	BTR-22	TV	OCO	13	6,848	MEJ	> 5 min
12/14/2024	SBE-26	SO	OTF	2	837	MEJ	> 5 min
12/14/2024	EGT-11	EF	OFC	13	4,584	MEJ	> 5 min
12/14/2024	EGT-16	EF	OTF	4	510	MEJ	> 5 min
12/15/2024	EVE-23	EF	USV	1	1,365	NON	> 5 min
12/16/2024	HAZ-12	EF	USV	1	625	NON	> 5 min
12/17/2024	EVE-23	EF	USV	1	137	NON	> 5 min
12/18/2024	NRU-25	DU	UPC	15	20,670	MEJ	> 5 min
12/18/2024	SOM-16	TV	OCO	41	50,355	MEJ	> 5 min
12/18/2024	EGT-12	TV	OCO	31	30,774	MEJ	> 5 min
12/18/2024	EGT-25	TV	OCO	1	639	MEJ	> 5 min
12/18/2024	OVE-15	TV	OFU	1	515	MEJ	> 5 min
12/18/2024	NRU-25	AC	UGV	37	9,240	MEJ	> 5 min
12/18/2024	BTR-22	TV	OCO	677	162,232	MEJ	> 5 min
12/18/2024	PHA-17	EF	OTR	8	898	MEJ	> 5 min
12/18/2024	KWH-23	TV	OCO	4,214	10,185	MEJ	> 1 & <= 5 min
12/20/2024	HOU-25	TV	OTF	2	509	NON	> 5 min
12/21/2024	BTR-21	EF	UPC	345	22,167	NON	> 5 min
12/22/2024	SBE-26	TV	OSV	4	3,636	NON	> 5 min
12/22/2024	EGT-25	EF	UHH	8	2,116	NON	> 5 min
12/23/2024	PHA-17	TV	OCO	115	24,399	NON	> 5 min
12/23/2024	MED-35	UN	USC	1	200	NON	> 5 min
12/26/2024	SOM-13	EF	USV	1	149	NON	> 5 min
12/26/2024	SBE-22	EF	OTF	5	421	NON	> 5 min
12/27/2024	HAZ-12	EF	USC	1	447	NON	> 5 min
12/27/2024	EGT-28	EF	USV	1	237	NON	> 5 min
12/27/2024	KWH-25	DU	USV	1	101	NON	> 5 min
12/28/2024	SBE-26	EF	UEL	153	108,357	NON	> 5 min
12/30/2024	KWH-23	EF	USC	1	815	NON	> 5 min
12/30/2024	KWH-25	EF	USC	1	349	NON	> 5 min
12/31/2024	OVE-12	EF	USC	1	538	NON	> 5 min
12/31/2024	EGT-16	EF	OCN	1	308	NON	> 5 min
12/31/2024	EGT-16	EF	OCN	1	-	NON	<= 1 min

Totals	154,733	184,017,222
Substation and transmission outages	10,064	1,700,706
Totals excluding substation & transmission outages	144,669	182,316,516
Scheduled outages	3,349	571,147

***Totals include outages 5 minutes or less.**

2024 RELIABILITY REPORT CODES LEGEND

DISTRIBUTION SUBSTATION CODES	
ARD	ARDMORE (REDMOND)
BTR	BRIDLE TRAILS
CEN	CENTER
CLY	CLYDE HILL
COL	COLLEGE
EGT	EASTGATE
EVE	EVERGREEN (REDMOND)
FAC	FACTORIA
GOO	GOODES CORNER (ISSAQUAH)
HAZ	HAZELWOOD (NEWCASTLE)
HOU	HOUGHTON (KIRKLAND)
KWH	KENILWORTH (REDMOND)
LHL	LAKE HILLS
LOC	LOCHLEVEN
MED	MEDINA (MEDINA)
MLK	MIDLAKES
NOB	NORTH BELLEVUE
NRU	NORTHRUP
OVE	OVERLAKE (MEDINA)
PHA	PHANTOM LAKE
ROS	ROSE HILL (REDMOND)
SBE	SOUTH BELLEVUE
SOM	SOMERSET

OUTAGE CAUSE CODES	
AC	ACCIDENT
AO	ACCIDENT OTHER, WITH FIRES
AV	ACCIDENT/VANDALISM NOT RESULTING IN DC
BA	BIRD OR ANIMAL
CE	CUSTOMER EQUIPMENT
CP	CAR/EQUIP ACCIDENT
CR	CUSTOMER REQUEST
DU	DIG UP UNDERGROUND
EF	EQUIPMENT FAILURE
EO	ELECTRICAL OVERLOAD
EQ	EARTHQUAKE
FI	FAULTY INSTALLATION
LI	LIGHTNING
ND	NATURAL DISASTER
OD	OUTSIDE UTILITY SOURCE
OE	OUTAGE WHILE WORKING
PO	PARTIAL OUTAGE
SO	SCHEDULED OUTAGE
TF	TREE - OFF RIGHT OF WAY
TO	TREE - ON RIGHT OF WAY
TV	TREE - RIGHT OF WAY UNKNOWN
UN	UNKNOWN CAUSE
VA	VANDALISM

STORM CODES	
MEJ	IEEE MED & MAJOR STORM
MEN	IEEE MED but NON STORM
NMJ	NON IEEE MED but MAJOR STORM
NON	NON IEEE MED & NON STORM

EQUIPMENT CODES	
ACE	ALL CUSTOMER EQUIPMENT
ARR	SURGE ARRESTER
BAT	BATTERY
CC	CAPACITOR CAN
CDH	CONDUCTOR DOWN & HOT
CFD	CAPACITOR BANK FUSED DISCONNECT
CHG	CHARGER
CON	CONNECTIONS
CTX	TRANSFORMER INSTRUMENT (CURRENT)
DNO	DID NOT OPERATE
ELT	ELBOW - TRANSFORMER
ERC	RECLOSER CONTROLLER
FCC	FUSE - CAPACITOR CAN
FHV	FUSE - HIGH VOLTAGE (POWER)
FLV	FUSE - LOW VOLTAGE (CONTROL)
FSV	FUSESAVER
GAR	GUY ANCHOR ROD
GCB	GAS CIRCUIT BREAKER (POWER)
INS	INSULATOR
LTC	LOAD TAP CHANGER
MOT	MOTOR OPERATOR
MTR	METER
OAL	OVERHEAD AREA LIGHT
OAN	OVERHEAD ANCHOR
OAR	OVERHEAD ARRESTER
OAT	OVERHEAD AUTO TRANSFORMER
OCA	OVERHEAD CAPACITOR
OCB	CIRCUIT BREAKER (POWER) - OIL
OCE	CUSTOMER EQUIPMENT
OCN	OVERHEAD SECONDARY CONNECTOR
OCO	OVERHEAD CONDUCTOR
OCR	OVERHEAD CROSSARM
OFC	OVERHEAD CUT-OUT
OFI	OVERHEAD FAULT INDICATOR
OFL	OVERHEAD FLOOD LIGHT
OFS	OVERHEAD FIRE SIGNAL
OFU	OVERHEAD LINE FUSE / FUSE LINK
OGD	OVERHEAD DOWN GUY
OGS	OVERHEAD SPAN GUY
OHR	OVERHEAD RECLOSER
OHS	OVERHEAD SECTIONALIZER
OIN	OVERHEAD INSULATOR
OJU	OVERHEAD JUMPER WIRE
OMP	OVERHEAD METER POINT
ONI	OVERHEAD NEUTRAL ISOLATOR
OPB	OVERHEAD POLE BRACE
OPI	OVERHEAD INSULATOR PIN
OPO	OVERHEAD POLE
OPS	OVERHEAD POLE STUB
ORE	OVERHEAD REGULATOR
OSL	OVERHEAD STREET LIGHT
OSP	OVERHEAD SPLICE PRIMARY
OSS	OVERHEAD SCHOOL SIGNAL
OST	OVERHEAD STEP TRANSFORMER
OSV	OVERHEAD SERVICE
OSW	OVERHEAD SWITCH
OTF	OVERHEAD TRANSFORMER FUSE
OTH	OTHER
OTP	OVERHEAD TRIPSAVER
OTR	OVERHEAD TRANSFORMER
OTS	OVERHEAD TRAFFIC CONTROL SIGNAL
OUP	OVERHEAD TO UNDERGROUND PRIMARY
OUS	OVERHEAD TO UNDERGROUND SECONDARY
PED	SECONDARY PEDESTAL
PFT	PADMOUNT FAST TRANSFORMER
PMF	PADMOUNT SWITCH FUSE
PMJ	PADMOUNT J-BOX
PMP	PADMOUNT METER POINT
PST	PADMOUNT STEP TRNSFORMER
PTF	PADMOUNT TRANSFORMER FUSE
PTX	PADMOUNT TRANSFORMER INSTRUMENT
RCL	RECLOSER (SUBSTATION)
RLE	RELAY - ELECTROMECHANICAL
RLM	RELAY - MICROPROCESSOR
RLS	RELAY - SOLID STATE
SCB	POWER CIRCUIT BREAKER
SCS	CIRCUIT SWITCHER
SPT	STATION POWER TRANSFORMER
SRG	STATION REGULATOR
SWC	SWITCH - CAPACITOR BANK
SWD	SWITCH - DISTRIBUTION DISCONNECT
SWT	SWITCH - TRANSMISSION
TER	TERMINATION (POWER CABLE)
UCU	UNDERGROUND COMMUNICATION CABLE
UDC	UNDERGROUND DUST CAP
UEL	UNDERGROUND ELBOW
UFE	UNDERGROUND FUSED ELBOW
UFI	UNDERGROUND FAULT INDICATOR
UFJ	UNDERGROUND J-BOX
UFO	UNDERGROUND FIBER OPTICS
UFS	UNDERGROUND FIRE SIGNAL
UGF	UNDERGROUND SUBMERSIBLE FUSE
UGV	UNDERGROUND VAULT
UHH	UNDERGROUND HANDHOLE - SECONDARY
UHM	UNDERGROUND HAMMERHEADS
UIC	UNDERGROUND INDOOR STRESS CONE
UJU	UNDERGROUND PRIMARY JUMPER
UMP	UNDERGROUND METER POINT
UNK	UNKNOWN
UOT	UNDERGROUND OUTDOOR TERMINATION
UPC	UNDERGROUND PRIMARY CABLE
UPH	UNDERGROUND PADMOUNT PHASE SHIFTER
UPS	UNDERGROUND PADMOUNT SWITCH
UPT	UNDERGROUND PADMOUNT TRANSFORMER
USC	UNDERGROUND SECONDARY CABLE
USE	UNDERGROUND SECONDARY CONNECTOR
USP	UNDERGROUND PRIMARY SPLICE
USS	UNDERGROUND SCHOOL SIGNAL
USV	UNDERGROUND SERVICE
UTC	UNDERGROUND TERMINAL FUSE
UTF	UNDERGROUND TRANSFORMER FUSE
UTR	UNDERGROUND TRANSFORMER
UTS	UNDERGROUND TRAFFIC CONTROL SIGNAL
UUS	UNDERGROUND SWITCH
UVS	UNDERGROUND VISTA SWITCH
VCB	VACUUM CIRCUIT BREAKER (POWER)
XFR	TRANSFORMER - UNKNOWN TYPE
XRT	NEUTRAL REACTOR
XSS	TRANSFORMER - STATION SERVICE

SUBSTATION CODES...MIGHT NEED IN FUTURE		
EC	EXTERNAL CORR/CONTAMINATION	SUBSTATION ELECT CAUSE
EXF	EXTERNAL FIRE	SUBSTATION ELECT CAUSE
FP	FAILURE OF UPSTREAM PROT DVCE	SUBSTATION ELECT CAUSE
IO	INADVERT OVERVOLT NOT LGHTNNG	SUBSTATION ELECT CAUSE
LC	LOOSE CONNECTION	SUBSTATION ELECT CAUSE
MD	MANUFACTURER - DESIGN	SUBSTATION ELECT CAUSE
MM	MANUFACTURER - MATERIAL DEFECT	SUBSTATION ELECT CAUSE
MW	MANUFACTURER - WORKMANSHIP	SUBSTATION ELECT CAUSE
NW	NRML WR/AGNG/END OF USFL LFE	SUBSTATION ELECT CAUSE
NYD	NOT YET DETERMINED	SUBSTATION ELECT CAUSE
OM	OVERLOAD MECHANICAL/STRUCTURAL	SUBSTATION ELECT CAUSE
OTH	OTHER CAUSE	SUBSTATION ELECT CAUSE
UI	UNK- INVSTGTN INCONCLUSIVE	SUBSTATION ELECT CAUSE
UIA	USER - IMPROPER APPLICATION	SUBSTATION ELECT CAUSE
UII	USER - IMPROPER INSTALLATION	SUBSTATION ELECT CAUSE
UIM	USER - IMPRPR/INADEQ MNTNNCE	SUBSTATION ELECT CAUSE
UIS	USER - IMPRPR SHPPNG/HND/PCK	SUBSTATION ELECT CAUSE
UOE	USER - OPERATOR ERROR	SUBSTATION ELECT CAUSE
UU	UNK - UNBLE TO PRFRM INVSTGTN	SUBSTATION ELECT CAUSE
VAC	VEHICLE ACCIDENT	SUBSTATION ELECT CAUSE
WT	WEATHER WIND/SNOW/ICE	SUBSTATION ELECT CAUSE

2024 Service Quality Report Card

Each year Puget Sound Energy measures service-quality benchmarks established in cooperation with the Washington Utilities and Transportation Commission (UTC), the Public Counsel Unit of the Attorney General's Office, and other parties. These benchmarks ensure we are satisfying customer expectations, providing reliable service, and keeping customers safe. Failure to achieve these service-quality measurements would put us at risk of a penalty of up to $12 million.

Key Measurement	Benchmark	2024 Performance	Achieved
Customer Satisfaction			
Percent of customers satisfied with our Customer Care Center services, based on survey	At least 90 percent	95 percent	✓
Percent of customers satisfied with field services, based on survey	At least 90 percent	97 percent	✓
Number of complaints to the UTC per 1,000 customers, per year	Less than 0.40	0.06 complaints	✓
Customer Services			
Percent of calls answered live within 60 seconds by our Customer Care Center	At least 80 percent	88 percent	✓
Operations Services			
Frequency of non-major-storm power outages, per year, per customer	1.2 outages or less	1.2 outages	✓
Length of power outages per year, per customer	Less than 155 minutes	203 minutes	
Time from customer call to arrival of field technicians in response to electric system emergencies	No more than 55 minutes	53 minutes	✓
Time from customer call to arrival of field technicians in response to natural gas emergencies	No more than 55 minutes	32 minutes	✓
Percent of service appointments kept	At least 92 percent	98 percent	✓

2024 Performance Highlights

We met eight of the nine service-quality measurements (see chart above) and improved our performance for three measurements: number of complaints to the UTC per 1,000 customers, per year; percent of calls answered live within 60 seconds by our Customer Care Center; time from customer call to arrival of field technicians in response to natural gas emergencies.

We did not meet the benchmark for length of power outages per year, per customer. Outages caused by trees/vegetation and equipment failures were significant contributors to the annual performance not meeting the benchmark. There is no performance penalty associated with the measurement, but we give customers a $50 account credit when we don't restore the customer's power within 24 consecutive hours during a non-major-storm power outage.

In addition to committing to the nine service-quality measures, we have three service guarantees to our customers:

- Keeping scheduled appointments.
- If your power is out for 120 consecutive hours or longer during any power outage.
- If your power is out for 24 consecutive hours or longer during a non-major-storm power outage.

If we fail to meet any of these guarantees, we credit your account $50, conditions apply, and customer action required. Learn more at pse.com/pages/customer-service-guarantees or 1-888-225-5773.

In 2024, PSE paid $22,550 for missing 451 of the total 30,049 service guaranteed appointments. We provided 268 customers with a $50 credit in 2024 for not restoring electric service within 24 consecutive hours during certain non-major-storm power outages. We also provided 5,024 customers with a $50 credit for not restoring electric service within 120 consecutive hours after safe access was warranted during any power outages.