Pacific Gas and Electric Company®

2025 Annual Electric Reliability Report

Prepared for:

California Public Utilities Commission
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2025 Annual Electric Reliability Report

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2025 Annual Electric Reliability Report

Executive Summary

Electric reliability is fundamental to the safety, well-being and daily lives of our customers and hometowns. This report summarizes the reliability of PG&E's electric system during calendar year 2025 and the factors that influenced reliability performance during the year. Reliability performance, measured by both the frequency and duration of customer outages (Major Event Days [MEDs] excluded), improved compared with the prior three years. These results were influenced by several factors, including PG&E's continued operational, maintenance and infrastructure improvements designed to strengthen the reliability and resilience of the electric system over time. Milder fire-weather also helped reduce customer impacts.

While much work remains, the 2025 results provide encouraging evidence that continued attention to reliability is producing measurable improvements for customers. During the year, we completed targeted reliability projects, improved restoration performance, refined planned outage practices and continued strengthening coordination across the organization to improve execution. As a result, we experienced:

- **19.1**% improvement in outage duration, accounting for 53 minutes shorter on average; and
- **12.45%** improvement in the frequency of outages

Although the improvement observed in 2025 was among the most significant year-over-year improvements reported by a large U.S. electric utility in the past decade, PG&E recognizes that a single year does not establish a long-term trend. Sustaining and building upon these results will require continued focus, disciplined execution and ongoing investment in improving electric system reliability.

The 2025 results also provide additional insight into the underlying causes of customer outages. Continued analysis indicates that equipment degradation is an important contributor to reliability performance, reinforcing the importance of sustained attention to inspection, maintenance, asset condition and other actions that improve long-term system performance. As our understanding continues to improve, those insights will help guide future reliability priorities.

In many cases, the reliability metrics presented in this report exclude Major Event Days (MED), consistent with IEEE Standard 1366. Major Event Days are infrequent days when extraordinary events, such as severe storms or wildfires, cause outage levels far beyond normal operating conditions. Excluding these rare events provides a standardized way to evaluate the underlying performance of the electric system and compare results consistently from year to year. This does not diminish the importance of Major Event Days or their impact on customers. Rather, both underlying system reliability and performance during extraordinary events provide important perspectives on electric system performance.

Several factors contributed to 2025 reliability performance, including:

- Faster restoration of electric service, as reflected in improved Customer Average Interruption Duration Index (CAIDI) performance, resulting in shorter customer outages.
- Reduced customer impacts associated with Enhanced Powerline Safety Settings (EPSS) during a year with milder fire-weather conditions.
- Continued implementation of operational and infrastructure improvements intended to strengthen long-term reliability, including:
    - Completion of approximately 1,300 high-impact reliability projects and sectionalization of approximately 90 of the worst-performing circuits.
    - Enhanced planned outage practices to reduce the number of customers affected by scheduled work and, where feasible, shorten the duration of planned outages.

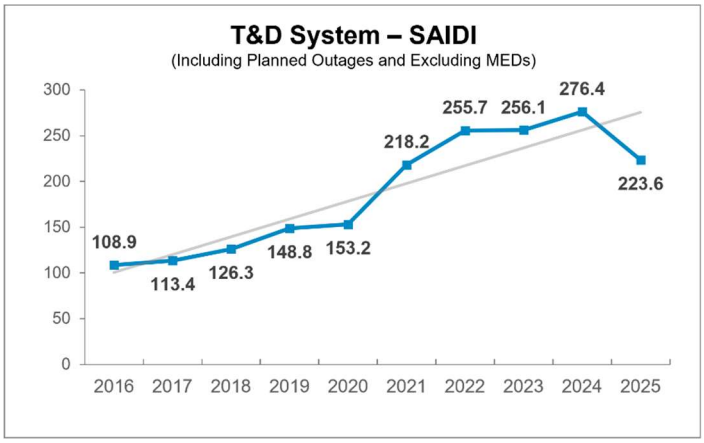
Table 1 below displays the electric reliability metrics SAIDI, SAIFI, MAIFI and CAIDI from 2016 through 2025.

Table 1 – Transmission and Distribution System[1] Indices (2016-2025)
(Excludes MEDs and includes Planned Outages)

MED Excluded					
Year	Division	SAIDI	SAIFI	MAIFI	CAIDI
2016	SYSTEM	108.9	1.021	1.494	106.7
2017	SYSTEM	113.4	0.958	1.489	118.3
2018	SYSTEM	126.3	1.080	1.361	117.0
2019	SYSTEM	148.8	1.128	1.282	131.9
2020	SYSTEM	153.2	1.179	1.316	130.0
2021	SYSTEM	218.2	1.318	1.327	165.5
2022	SYSTEM	255.7	1.630	1.320	156.9
2023	SYSTEM	256.1	1.558	1.215	164.4
2024	SYSTEM	276.4	1.832	1.310	150.9
2025	SYSTEM	223.6	1.604	1.105	139.4

Chart A below shows the amount of time (minutes) the average PG&E customer has experienced a sustained outage or outages each year in graphical form and includes a linear trend line:

Chart A – Transmission and Distribution System SAIDI (2016-2025)
(Excludes MEDs and includes Planned Outages)



How PG&E Measures Reliability

PG&E uses four metrics commonly measured in the electric utility industry to measure reliability for both unplanned and planned outages: the System Average Interruption Duration Index (SAIDI), the System Average Interruption Frequency Index (SAIFI), the Momentary Average Interruption Frequency Index (MAIFI) and the Customer Average Interruption Duration Index (CAIDI).

- SAIDI is the amount of time (minutes) the average PG&E customer experiences a sustained outage or outages in a given year. (Sustained outages are outages lasting more than 5 minutes.)
- SAIFI is the number of sustained outages the average PG&E customer experiences in a given year.

[1] Transmission and Distribution System includes PG&E's generation system as well

- MAIFI is the number of momentary outages the average customer experiences each year. (Momentary outages are outages lasting five minutes or less).
- CAIDI is the average time (minutes) it takes to restore power to affected customers for sustained outages.

What follows is the 2025 Annual Electric Reliability Report for PG&E as required by D.16-01-008. This report includes system reliability data based on the Institute of Electrical and Electronic Engineers (IEEE) Standard 1366 methodology, as required by D.16-01-008. The report includes details for each of PG&E's 19 divisions, as well as worst-performing circuits within PG&E's system.

A list of definitions, acronyms and abbreviations is provided at the end of Appendix A.

Introduction

This is the 2025 Annual Electric Reliability Report for PG&E as required by D.16-01-008. This report includes system reliability data based on the Institute of Electrical and Electronic Engineers (IEEE) Standard 1366 methodology. This report consists of the following:

Section	Description
1.	System Indices for the Last 10 Years (2016-2025)
2.	Division Reliability Indices for the Past 10 Years (2016-2025) Excluding Planned Outages and Including and Excluding Major Event Days (MED)
3.	System and Division Indices Based on IEEE 1366 for the Past 10 Years (2016-2025) Including Planned Outages and Including and Excluding MED
4.	Service Territory Map Including Divisions
5.	Top One Percent of Worst-Performing Circuits (WPC) Excluding MED
6.	Top 10 Major Unplanned Power Outage Events in 2025
7.	Summary List of MED per IEEE 1366
8.	Historical 10 Largest Unplanned Outage Events for the Past 10 Years (2016-2025)
9.	The Number of Customer Inquiries on Reliability Data and the Number of Days per Response
10.	Appendix A – Definitions, Acronyms and Abbreviations

Data provided in this report is recorded within PG&E's outage management systems.

- PG&E's outage reporting system consists of multiple components. A key component used for outage records is the Integrated Logging and Information System (ILIS).
- PG&E's outage data reporting process, standards and tools are documented and maintained in Utility procedure TD 2200P 01 Outage Reporting Details and Accuracy Verification Process.
- Smart Meters are leveraged to document momentary outage events.

PG&E is executing a multi-year plan to align its reliability reporting practices with the IEEE 1366 standard. As part of this plan, CPUC reliability metric data for 2025 is based on customer counts

that reflect metered customers with active service agreements. 2025 reliability metrics exclude Independent System Operator (ISO)[2] and non-restorable outages[3].

PG&E has updated its momentary outage data methodology using Smart Meters and backcasted this methodology to provide updated 2024 and 2025 MAIFI related metrics.

1. System Indices for the Last Ten Years

a. System Indices (2016-2025)

Table 2 – Combined Transmission and Distribution System Indices (2016-2025)
(Includes Generation, Transmission, Substation and Distribution Outages)
(Excludes Planned Outages)

Year	Major Events Included				Major Events Excluded			
	SAIDI	SAIFI	MAIFI	CAIDI	SAIDI	SAIFI	MAIFI	CAIDI
2016	106.7	1.021	1.596	104.5	93.8	0.940	1.487	99.8
2017	357.8	1.466	2.295	244.1	97.3	0.878	1.487	110.8
2018	282.3	1.053	1.423	268.0	99.6	0.960	1.356	103.8
2019	1,363.3	1.872	1.780	728.2	117.7	1.009	1.270	116.6
2020	450.6	1.443	1.546	312.1	125.8	1.068	1.292	117.8
2021	588.4	1.689	1.897	348.4	182.8	1.178	1.317	155.2
2022	283.8	1.617	1.398	175.5	213.5	1.470	1.309	145.2
2023	669.4	2.065	1.998	324.2	213.9	1.402	1.207	152.6
2024	460.1	1.965	1.658	234.1	226.7	1.637	1.301	138.5
2025	253.9	1.580	1.230	160.7	181.1	1.428	1.093	126.8

[2] ISO outages are excluded in prior year metrics. Non-restorable outages are excluded beginning in 2025 metrics in effort to further align with IEEE 1366, except for Section 2cii where all historical metrics exclude non-restorables.
[3] PG&E utilizes a non-restorable outage designation and process for unique outage events involving requests by customers or agencies requiring that facilities are de-energized, not permitting access and/or delaying restoration due to circumstances not initiated or controlled by PG&E. This process includes adjusting the outage minutes to accurately reflect these situations and to measure PG&E's performance.

i. Distribution System Indices

Table 3 – Distribution System Indices (2016-2025)
(Excludes Planned, Transmission, Substation and Generation Outages)

Year	Major Events Included				Major Events Excluded			
	SAIDI	SAIFI	MAIFI	CAIDI	SAIDI	SAIFI	MAIFI	CAIDI
2016	95.5	0.896	1.401	106.6	83.1	0.819	1.304	101.5
2017	302.8	1.274	1.996	237.7	90.0	0.792	1.275	113.6
2018	263.4	0.905	1.211	291.1	90.7	0.842	1.154	107.6
2019	1,322.9	1.673	1.550	790.9	103.1	0.877	1.101	117.5
2020	417.9	1.237	1.364	338.0	111.2	0.933	1.146	119.2
2021	529.0	1.495	1.646	353.9	160.0	1.033	1.172	154.9
2022	240.6	1.407	1.269	171.0	184.5	1.282	1.184	143.9
2023	622.9	1.879	1.833	331.5	198.9	1.277	1.102	155.7
2024	422.9	1.802	1.564	234.6	210.7	1.509	1.221	139.7
2025	211.7	1.409	1.145	150.2	162.2	1.302	1.021	124.6

ii. Transmission System Indices

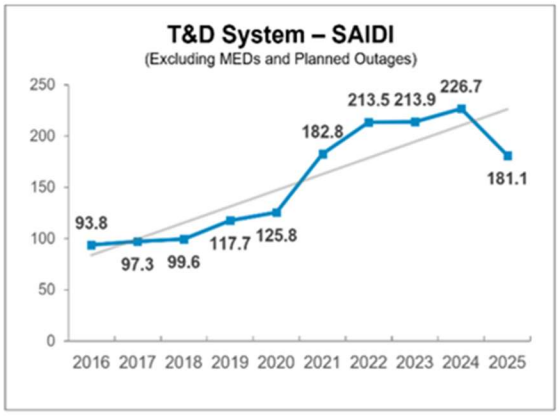
Table 4 – Transmission System Indices (2016-2025)
(Excludes Planned, Distribution and Generation outages)
(Includes Substation Outages)

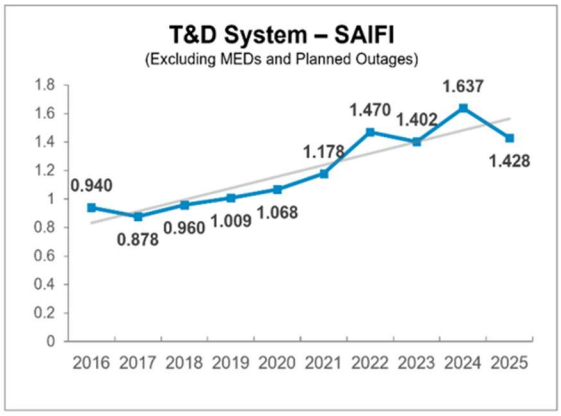
Year	Major Events Included				Major Events Excluded			
	SAIDI	SAIFI	MAIFI	CAIDI	SAIDI	SAIFI	MAIFI	CAIDI
2016	11.2	0.125	0.195	89.5	10.7	0.121	0.184	88.3
2017	54.9	0.191	0.299	286.9	7.3	0.085	0.212	85.4
2018	17.9	0.146	0.211	122.1	7.9	0.115	0.201	68.7
2019	40.2	0.198	0.226	202.7	14.5	0.131	0.165	110.5
2020	32.6	0.206	0.181	158.4	14.5	0.134	0.145	108.3
2021	59.0	0.192	0.227	307.9	22.5	0.143	0.135	156.7
2022	43.2	0.208	0.130	207.4	28.9	0.186	0.125	155.5
2023	46.2	0.185	0.170	249.8	14.8	0.124	0.109	119.3
2024	37.2	0.163	0.094	228.7	16.0	0.128	0.080	124.5
2025	42.2	0.169	0.085	249.2	18.9	0.126	0.072	150.1

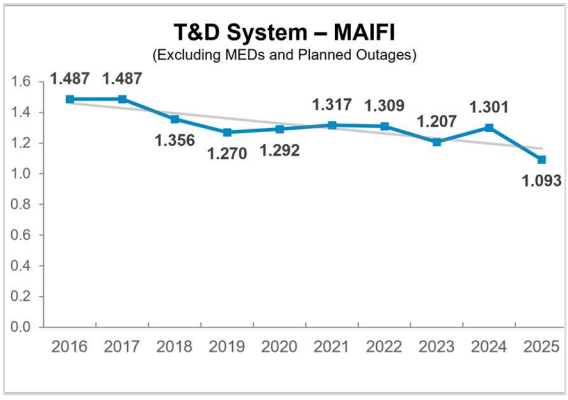
Note: PG&E defines its transmission system as lines with voltages 60 kilovolts (kV) and above.

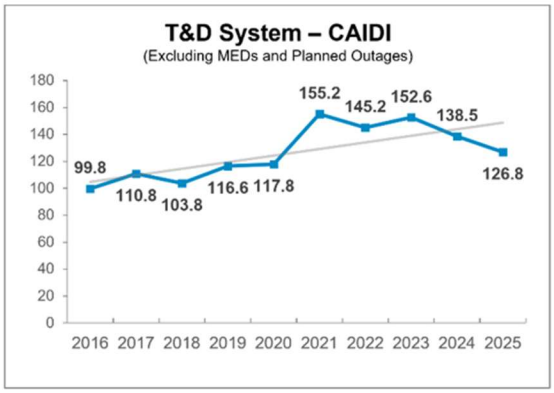
b. Separate System Charts for the Past 10 Years

i. Chart 1: Performance Results – System Indices

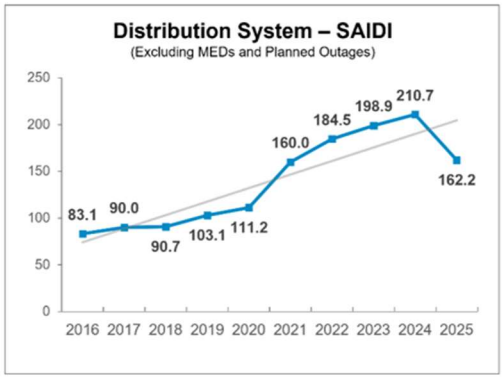


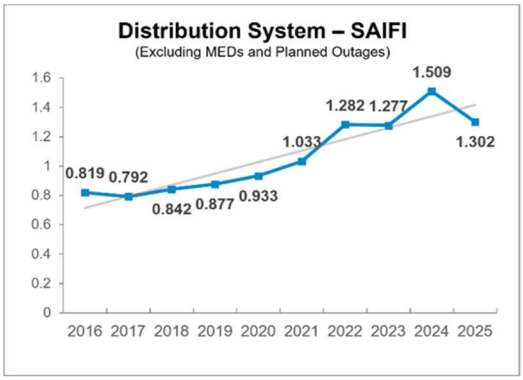


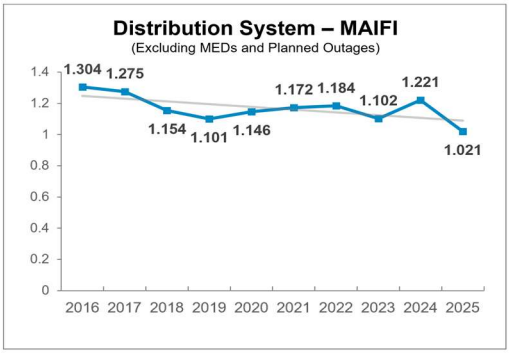


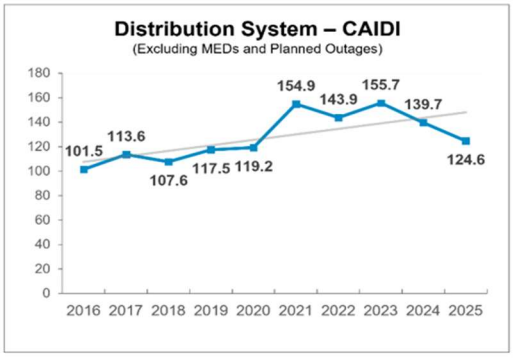


ii. Chart 2: Performance Results – Distribution System

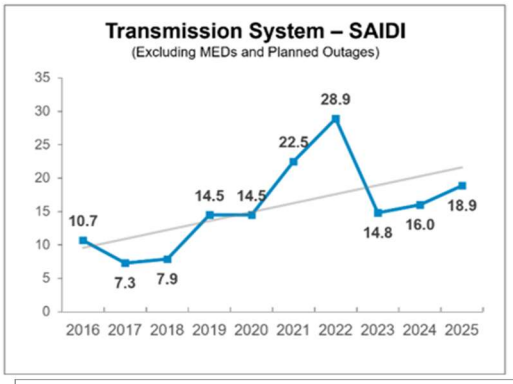


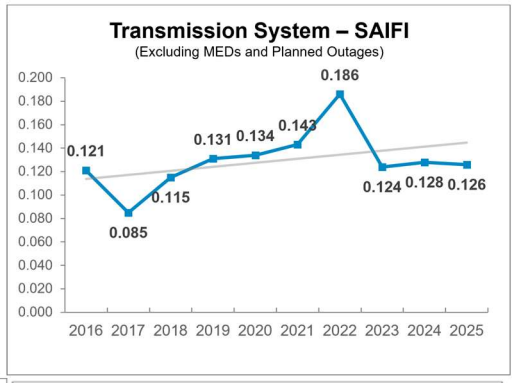


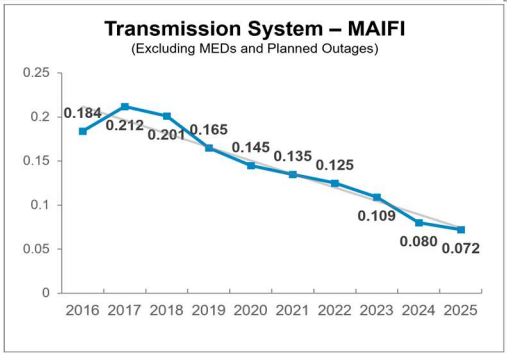


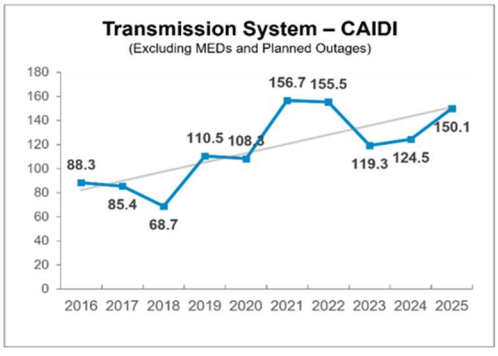


iii. Chart 3: Performance Results – Transmission System









2. Division Reliability Indices for the Past 10 Years Excluding Planned Outages

a. Division Indices Including and Excluding Major Event days

Table 5: Division Reliability Indices

		Major Events Included				Major Events Excluded			
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
CENTRAL COAST	2016	188.6	1.637	2.730	115.2	166.1	1.471	2.476	112.9
CENTRAL COAST	2017	807.8	2.462	4.576	328.2	146.3	1.293	2.589	113.1
CENTRAL COAST	2018	186.8	1.598	2.502	117.0	162.4	1.447	2.242	112.2
CENTRAL COAST	2019	1,294.9	2.584	3.149	501.2	203.6	1.470	2.231	138.5
CENTRAL COAST	2020	395.9	2.129	1.888	185.9	159.1	1.724	1.600	92.3
CENTRAL COAST	2021	711.0	2.379	2.543	298.9	289.2	1.643	1.906	176.0
CENTRAL COAST	2022	484.1	2.981	2.997	162.4	377.6	2.657	2.868	142.1
CENTRAL COAST	2023	1,768.0	3.848	3.741	459.5	413.0	2.465	2.158	167.6
CENTRAL COAST	2024	1,185.9	3.191	2.712	371.7	374.7	2.471	1.895	151.6
CENTRAL COAST	2025	701.8	2.791	2.066	251.5	362.6	2.478	1.775	146.3
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
DE ANZA	2016	109.6	0.924	1.414	118.6	87.3	0.753	1.336	116.0
DE ANZA	2017	315.4	1.503	1.792	209.8	97.9	0.985	1.150	99.4
DE ANZA	2018	86.8	0.836	1.426	103.8	84.0	0.789	1.402	106.4
DE ANZA	2019	402.2	1.385	2.008	290.4	91.3	0.873	1.657	104.6
DE ANZA	2020	226.3	0.958	1.597	236.2	83.1	0.711	1.213	117.0
DE ANZA	2021	294.6	1.189	1.784	247.8	121.0	0.787	0.987	153.8
DE ANZA	2022	179.3	1.216	1.114	147.4	120.8	1.004	1.065	120.3
DE ANZA	2023	1,491.8	2.419	3.002	616.7	173.3	1.002	1.469	173.0
DE ANZA	2024	471.1	2.020	1.907	233.2	211.3	1.580	1.416	133.7
DE ANZA	2025	196.3	1.207	1.103	162.6	134.6	0.932	0.769	144.4
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
DIABLO	2016	79.0	1.008	1.729	78.4	76.5	0.995	1.694	76.9
DIABLO	2017	140.7	1.218	2.138	115.5	78.0	0.876	1.620	89.1
DIABLO	2018	89.5	1.112	1.540	80.4	78.3	1.004	1.496	78.0
DIABLO	2019	612.7	1.601	1.855	382.7	78.8	0.935	1.212	84.3
DIABLO	2020	249.6	1.433	1.823	174.1	110.8	1.206	1.621	91.9
DIABLO	2021	163.6	1.430	1.671	114.4	112.0	1.177	1.352	95.2
DIABLO	2022	208.3	1.697	1.382	122.7	179.2	1.566	1.295	114.4
DIABLO	2023	459.8	2.161	1.582	212.8	183.9	1.384	1.080	132.9
DIABLO	2024	321.6	2.170	1.930	148.2	198.4	1.919	1.590	103.4
DIABLO	2025	131.2	1.243	1.329	105.6	125.8	1.227	1.317	102.5
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
EAST BAY	2016	128.2	1.205	1.242	106.4	101.4	1.050	1.079	96.6
EAST BAY	2017	147.3	1.217	1.983	121.1	73.8	0.903	1.528	81.7
EAST BAY	2018	87.6	0.990	1.131	88.4	78.8	0.901	1.080	87.5
EAST BAY	2019	459.7	1.346	1.216	341.6	84.5	0.854	0.956	99.0
EAST BAY	2020	222.4	1.116	1.647	199.3	95.5	0.838	1.453	114.0
EAST BAY	2021	238.5	1.679	1.683	142.0	154.2	1.250	1.368	123.4
EAST BAY	2022	159.7	1.244	1.681	128.4	147.4	1.158	1.661	127.3
EAST BAY	2023	413.4	1.575	1.566	262.4	110.7	1.000	0.782	110.7
EAST BAY	2024	166.5	1.302	1.268	127.9	134.4	1.108	0.875	121.3
EAST BAY	2025	111.2	1.029	1.075	108.1	104.9	0.962	1.011	109.0

Division	Year	AIDI	AIFI	MAIFI	CAIDI	AIDI	AIFI	MAIFI	CAIDI
FRESNO	2016	85.1	1.127	1.975	75.5	83.4	1.105	1.951	75.4
FRESNO	2017	102.5	0.986	1.863	104.0	72.3	0.799	1.546	90.5
FRESNO	2018	113.9	1.046	1.415	108.9	73.5	0.861	1.368	85.4
FRESNO	2019	120.7	0.994	1.695	121.4	78.8	0.828	1.477	95.2
FRESNO	2020	116.9	1.136	1.452	102.9	86.5	0.865	1.352	100.0
FRESNO	2021	213.2	1.354	1.698	157.4	142.0	1.081	1.468	131.3
FRESNO	2022	182.3	1.295	1.793	140.8	175.3	1.244	1.731	140.9
FRESNO	2023	283.5	1.509	1.977	187.8	173.0	1.178	1.488	146.9
FRESNO	2024	194.0	1.520	1.533	127.6	190.0	1.486	1.491	127.9
FRESNO	2025	153.8	1.258	1.354	122.3	147.8	1.201	1.304	123.1
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
HUMBOLDT	2016	219.4	1.637	2.055	134.0	203.0	1.537	1.995	132.1
HUMBOLDT	2017	919.8	2.362	3.510	389.5	275.1	1.306	2.280	210.6
HUMBOLDT	2018	402.6	2.144	1.570	187.8	225.9	1.789	1.502	126.3
HUMBOLDT	2019	6,899.5	4.365	2.423	1,580.7	274.4	1.616	1.850	169.7
HUMBOLDT	2020	968.7	2.161	1.304	448.3	191.6	1.336	1.181	143.5
HUMBOLDT	2021	1,602.5	2.815	2.079	569.4	461.3	2.005	1.415	230.0
HUMBOLDT	2022	1,008.1	3.052	1.407	330.3	469.2	2.497	1.329	187.9
HUMBOLDT	2023	2,410.3	4.231	3.576	569.6	610.8	2.729	1.636	223.8
HUMBOLDT	2024	1,247.2	3.831	2.267	325.5	711.7	3.271	1.823	217.6
HUMBOLDT	2025	539.1	2.442	1.353	220.7	332.4	2.151	1.087	154.5
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
KERN	2016	89.8	0.932	2.072	96.3	89.2	0.916	2.066	97.4
KERN	2017	138.9	1.072	1.958	129.6	78.1	0.733	1.403	106.5
KERN	2018	72.4	0.789	1.747	91.8	71.6	0.783	1.720	91.4
KERN	2019	162.0	1.325	2.079	122.2	106.6	1.101	1.743	96.8
KERN	2020	129.7	1.157	1.955	112.1	114.6	1.060	1.831	108.1
KERN	2021	179.3	1.397	1.855	128.4	138.4	1.101	1.503	125.7
KERN	2022	272.5	1.494	1.287	182.4	269.4	1.461	1.209	184.4
KERN	2023	193.3	1.399	2.112	138.1	145.2	1.195	1.794	121.5
KERN	2024	225.1	1.416	2.049	159.0	186.0	1.298	1.649	143.3
KERN	2025	184.8	1.531	1.774	120.7	175.8	1.476	1.609	119.1
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
LOS PADRES	2016	114.1	1.172	1.672	97.4	112.3	1.147	1.671	97.9
LOS PADRES	2017	315.7	1.574	2.127	200.6	106.7	0.944	1.442	113.0
LOS PADRES	2018	141.8	1.277	1.153	111.1	130.5	1.195	1.010	109.3
LOS PADRES	2019	225.9	1.533	1.134	147.4	150.7	1.188	0.798	126.8
LOS PADRES	2020	198.1	1.296	0.915	152.9	139.3	1.141	0.836	122.1
LOS PADRES	2021	300.8	1.621	1.935	185.5	195.0	1.125	1.314	173.4
LOS PADRES	2022	319.6	2.029	1.000	157.5	233.3	1.824	0.870	128.0
LOS PADRES	2023	438.4	2.407	1.785	182.1	221.1	1.831	1.176	120.7
LOS PADRES	2024	352.9	2.517	1.331	140.2	242.6	2.208	1.021	109.9
LOS PADRES	2025	266.3	2.122	1.098	125.5	244.0	2.025	1.056	120.5

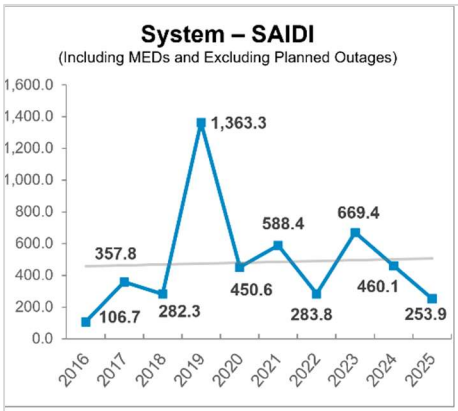
Division	Year	AIDI	AIFI	MAIFI	CAIDI	AIDI	AIFI	MAIFI	CAIDI
MISSION	2016	82.7	0.763	0.961	108.4	72.7	0.702	0.916	103.7
MISSION	2017	137.9	1.012	1.470	136.4	60.2	0.602	1.002	99.9
MISSION	2018	67.1	0.672	0.839	99.9	62.0	0.644	0.815	96.4
MISSION	2019	296.5	0.948	0.939	312.6	65.8	0.669	0.693	98.4
MISSION	2020	219.2	1.201	1.387	182.5	91.1	0.766	1.060	119.0
MISSION	2021	156.3	1.215	1.216	128.6	113.5	0.957	0.913	118.6
MISSION	2022	127.5	0.839	0.917	152.1	109.9	0.784	0.879	140.2
MISSION	2023	166.1	1.083	1.092	153.3	102.8	0.787	0.796	130.6
MISSION	2024	177.6	1.390	1.297	127.8	147.4	1.200	1.161	122.9
MISSION	2025	124.9	1.056	0.947	118.2	118.1	1.024	0.930	115.3
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
NORTH BAY	2016	110.3	0.920	1.434	119.8	83.9	0.767	1.209	109.4
NORTH BAY	2017	733.3	1.761	2.810	416.5	148.5	0.955	1.832	155.5
NORTH BAY	2018	164.6	0.982	1.837	167.6	116.3	0.921	1.771	126.3
NORTH BAY	2019	3,518.1	3.182	2.272	1,105.7	148.2	1.312	1.647	112.9
NORTH BAY	2020	509.3	1.718	2.521	296.4	143.3	1.235	2.093	116.0
NORTH BAY	2021	352.5	1.627	2.289	216.6	160.0	1.063	1.551	150.5
NORTH BAY	2022	217.1	1.496	1.153	145.1	212.6	1.459	1.100	145.7
NORTH BAY	2023	477.2	1.886	1.889	253.1	191.6	1.291	0.951	148.5
NORTH BAY	2024	745.6	2.471	1.479	301.7	239.5	1.856	1.025	129.0
NORTH BAY	2025	204.4	1.759	0.990	116.2	200.8	1.744	0.971	115.1
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
NORTH VALLEY	2016	175.1	1.265	2.173	138.4	146.4	1.128	1.937	129.8
NORTH VALLEY	2017	398.6	1.672	3.163	238.5	112.3	0.863	2.007	130.2
NORTH VALLEY	2018	4,287.0	1.629	1.393	2,631.8	187.1	1.364	1.325	137.2
NORTH VALLEY	2019	4,886.2	3.961	2.501	1,233.6	205.0	1.506	1.458	136.1
NORTH VALLEY	2020	1,979.0	2.563	1.654	772.2	269.0	1.546	1.369	174.0
NORTH VALLEY	2021	2,098.1	2.899	3.243	723.8	427.7	1.752	2.192	244.1
NORTH VALLEY	2022	353.8	2.252	1.311	157.1	337.6	2.178	1.206	155.0
NORTH VALLEY	2023	724.9	2.764	2.146	262.2	377.5	2.108	1.333	179.1
NORTH VALLEY	2024	738.4	2.468	1.456	299.2	374.8	2.053	1.203	182.6
NORTH VALLEY	2025	427.2	2.362	1.299	180.9	334.3	2.098	1.120	159.3
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
PENINSULA	2016	87.1	0.986	1.381	88.3	78.8	0.905	1.195	87.2
PENINSULA	2017	167.0	1.328	2.382	125.7	61.5	0.640	1.176	96.0
PENINSULA	2018	66.4	0.856	1.255	77.5	60.5	0.806	1.204	75.0
PENINSULA	2019	734.2	1.551	1.642	473.2	88.5	0.816	0.983	108.4
PENINSULA	2020	169.5	1.199	1.383	141.4	85.5	0.855	1.042	100.0
PENINSULA	2021	391.0	1.625	1.927	240.6	161.2	1.068	0.944	150.9
PENINSULA	2022	161.4	1.132	1.414	142.5	129.9	1.005	1.351	129.2
PENINSULA	2023	1,241.3	2.432	2.977	510.3	207.9	1.269	1.366	163.7
PENINSULA	2024	597.2	1.970	1.606	303.2	206.7	1.529	1.108	135.2
PENINSULA	2025	241.5	1.490	1.396	162.1	181.0	1.369	1.040	132.1

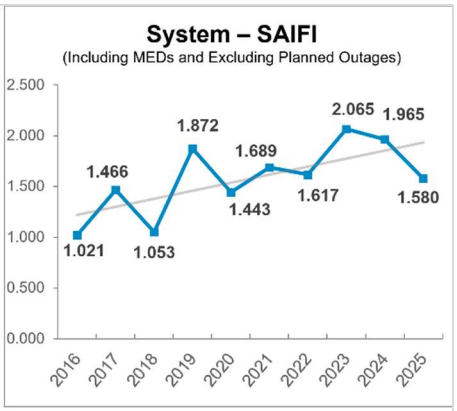
Division	Year	AIDI	AIFI	MAIFI	CAIDI	AIDI	AIFI	MAIFI	CAIDI
SACRAMENTO	2016	99.4	1.035	1.803	96.1	83.6	0.944	1.539	88.5
SACRAMENTO	2017	283.0	1.870	3.213	151.3	121.2	1.070	1.708	113.2
SACRAMENTO	2018	108.5	1.059	1.935	102.4	101.0	1.021	1.825	98.9
SACRAMENTO	2019	670.8	1.686	2.349	397.9	98.9	0.866	1.574	114.3
SACRAMENTO	2020	281.9	1.602	1.796	176.0	173.6	1.350	1.499	128.6
SACRAMENTO	2021	579.7	1.740	2.888	333.2	155.4	1.122	1.874	138.4
SACRAMENTO	2022	386.1	1.546	1.719	249.8	175.1	1.294	1.573	135.3
SACRAMENTO	2023	444.3	1.788	2.111	248.4	191.3	1.276	1.436	149.8
SACRAMENTO	2024	500.0	1.835	1.391	272.5	218.5	1.342	1.060	162.8
SACRAMENTO	2025	176.6	1.153	1.305	153.1	128.2	1.008	1.185	127.1
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SAN FRANCISCO	2016	40.7	0.537	0.397	75.8	39.7	0.518	0.355	76.7
SAN FRANCISCO	2017	116.4	0.860	0.513	135.4	36.5	0.500	0.372	73.0
SAN FRANCISCO	2018	38.0	0.417	0.298	91.0	35.2	0.378	0.270	93.0
SAN FRANCISCO	2019	71.7	0.718	0.363	99.8	56.8	0.614	0.258	92.4
SAN FRANCISCO	2020	48.5	0.642	0.427	75.5	43.9	0.582	0.386	75.5
SAN FRANCISCO	2021	68.4	0.674	0.595	101.5	49.4	0.530	0.499	93.2
SAN FRANCISCO	2022	53.3	0.528	0.474	101.0	49.6	0.496	0.458	100.0
SAN FRANCISCO	2023	138.3	0.864	0.561	160.1	70.6	0.581	0.366	121.4
SAN FRANCISCO	2024	97.5	0.677	0.320	144.0	68.8	0.601	0.263	114.5
SAN FRANCISCO	2025	313.1	1.175	0.565	266.4	77.3	0.772	0.418	100.0
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SAN JOSE	2016	68.9	0.678	1.200	101.5	65.5	0.644	1.152	101.7
SAN JOSE	2017	179.8	1.241	1.807	144.8	72.3	0.739	1.171	97.8
SAN JOSE	2018	86.9	0.872	1.349	99.6	85.0	0.858	1.322	99.1
SAN JOSE	2019	275.7	1.083	1.422	254.6	81.5	0.747	1.253	109.1
SAN JOSE	2020	177.7	1.074	1.526	165.5	120.9	0.906	1.274	133.5
SAN JOSE	2021	171.7	1.004	1.252	170.9	95.4	0.763	0.909	125.1
SAN JOSE	2022	211.3	1.389	1.329	152.2	152.2	1.150	1.180	132.4
SAN JOSE	2023	309.6	1.376	1.605	225.0	126.5	0.891	1.041	142.0
SAN JOSE	2024	402.7	1.626	1.563	247.7	170.0	1.295	1.198	131.3
SAN JOSE	2025	140.2	1.133	1.130	123.7	126.8	1.048	1.032	121.0
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SIERRA	2016	174.3	1.252	1.864	139.2	121.7	1.029	1.705	118.2
SIERRA	2017	620.1	2.076	3.105	298.7	155.0	1.191	1.856	130.2
SIERRA	2018	399.2	1.450	1.431	275.3	152.9	1.241	1.350	123.2
SIERRA	2019	5,826.0	4.104	2.545	1,419.6	167.5	1.151	1.482	145.6
SIERRA	2020	2,345.1	2.626	1.917	892.9	208.0	1.422	1.169	146.2
SIERRA	2021	3,067.0	2.880	2.461	1,064.9	342.2	1.672	1.022	204.7
SIERRA	2022	703.8	3.314	1.182	212.4	529.6	3.101	1.018	170.8
SIERRA	2023	1,486.1	3.306	2.544	449.5	369.6	2.440	1.153	151.4
SIERRA	2024	942.2	3.358	1.633	280.6	341.0	2.750	1.230	124.0
SIERRA	2025	388.5	2.710	1.278	143.3	316.5	2.493	1.094	126.9

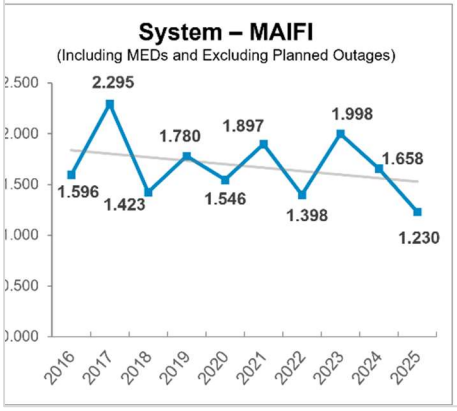
Division	Year	AIDI	AIFI	MAIFI	CAIDI	AIDI	AIFI	MAIFI	CAIDI
SONOMA	2016	95.4	0.834	1.605	114.3	88.6	0.792	1.508	111.8
SONOMA	2017	1,850.1	1.951	2.885	948.3	120.7	0.886	1.566	136.2
SONOMA	2018	107.4	0.974	1.240	110.3	105.5	0.956	1.201	110.3
SONOMA	2019	3,871.1	2.540	1.661	1,523.9	145.7	1.070	1.233	136.1
SONOMA	2020	601.0	1.645	1.597	365.3	124.5	1.062	1.327	117.2
SONOMA	2021	396.0	1.738	1.882	227.8	166.3	1.257	1.420	132.3
SONOMA	2022	243.0	1.565	1.453	155.3	232.9	1.526	1.390	152.6
SONOMA	2023	528.1	1.831	1.208	288.4	183.0	1.334	0.662	137.2
SONOMA	2024	798.1	2.319	2.516	344.1	260.1	1.760	1.718	147.8
SONOMA	2025	326.4	1.691	1.202	193.0	186.3	1.517	1.001	122.8
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
STOCKTON	2016	100.0	0.994	1.777	100.6	84.0	0.900	1.663	93.3
STOCKTON	2017	271.1	1.627	1.924	166.6	84.6	0.946	1.264	89.5
STOCKTON	2018	224.8	1.152	1.994	195.1	107.7	1.036	1.872	103.9
STOCKTON	2019	1,579.9	2.366	1.904	667.7	175.3	1.276	1.130	137.4
STOCKTON	2020	661.0	1.595	1.549	414.4	131.8	1.187	1.268	111.0
STOCKTON	2021	1,119.6	2.003	2.410	558.9	176.2	1.151	1.471	153.2
STOCKTON	2022	485.0	1.890	1.190	256.6	247.3	1.665	1.064	148.5
STOCKTON	2023	629.0	2.550	2.136	246.7	278.1	1.896	1.330	146.7
STOCKTON	2024	370.6	1.917	1.623	193.3	235.8	1.603	1.344	147.0
STOCKTON	2025	273.2	1.737	1.080	157.3	155.5	1.394	0.939	111.6
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
YOSEMITE	2016	129.9	1.234	2.156	105.2	123.2	1.178	2.025	104.5
YOSEMITE	2017	310.8	1.720	3.048	180.7	143.0	1.170	2.150	122.2
YOSEMITE	2018	177.4	1.465	1.834	121.1	158.3	1.355	1.773	116.8
YOSEMITE	2019	1,399.3	2.652	2.686	527.5	160.4	1.470	1.603	109.1
YOSEMITE	2020	783.7	1.944	1.588	403.2	197.4	1.411	1.299	139.9
YOSEMITE	2021	1,319.9	3.168	2.637	416.6	434.1	2.180	1.811	199.2
YOSEMITE	2022	354.4	2.232	1.847	158.8	328.9	2.047	1.631	160.7
YOSEMITE	2023	1,105.8	3.111	2.603	355.4	411.1	2.184	1.699	188.2
YOSEMITE	2024	347.9	2.333	1.716	149.1	284.9	2.144	1.516	132.9
YOSEMITE	2025	271.9	1.887	1.373	144.1	262.4	1.817	1.338	144.4
Division	**Year**	**SAIDI**	**SAIFI**	**MAIFI**	**CAIDI**	**SAIDI**	**SAIFI**	**MAIFI**	**CAIDI**
SYSTEM	2016	106.7	1.021	1.596	104.5	93.8	0.940	1.487	99.8
SYSTEM	2017	357.8	1.466	2.295	244.1	97.3	0.878	1.487	110.8
SYSTEM	2018	282.3	1.053	1.423	268.0	99.6	0.960	1.356	103.8
SYSTEM	2019	1,363.3	1.872	1.780	728.2	117.7	1.009	1.270	116.6
SYSTEM	2020	450.6	1.443	1.546	312.1	125.8	1.068	1.292	117.8
SYSTEM	2021	588.4	1.689	1.897	348.4	182.8	1.178	1.317	155.2
SYSTEM	2022	283.8	1.617	1.398	175.5	213.5	1.470	1.309	145.2
SYSTEM	2023	669.4	2.065	1.998	324.2	213.9	1.402	1.207	152.6
SYSTEM	2024	460.1	1.965	1.658	234.1	226.7	1.637	1.301	138.5
SYSTEM	2025	253.9	1.580	1.230	160.7	181.1	1.428	1.093	126.8

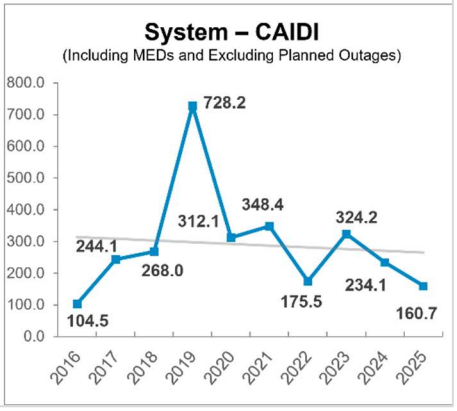
b. Charts for Division Reliability Indices for the Past 10 Years

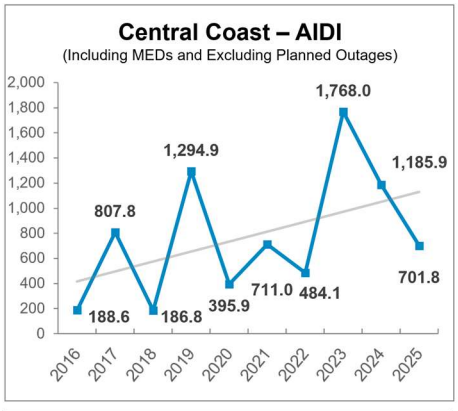
i. Charts Including MEDs and Excluding Planned Outages

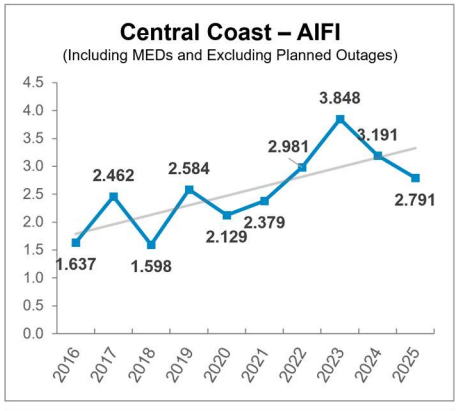


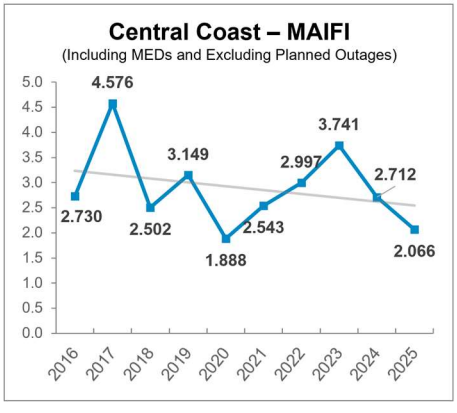


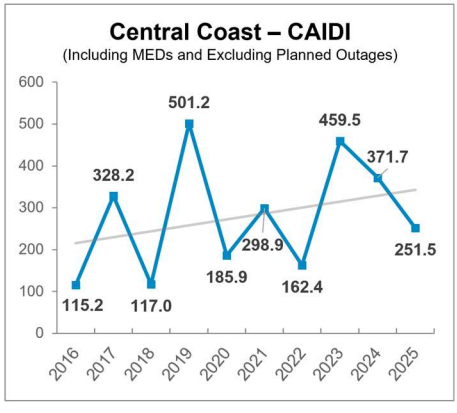


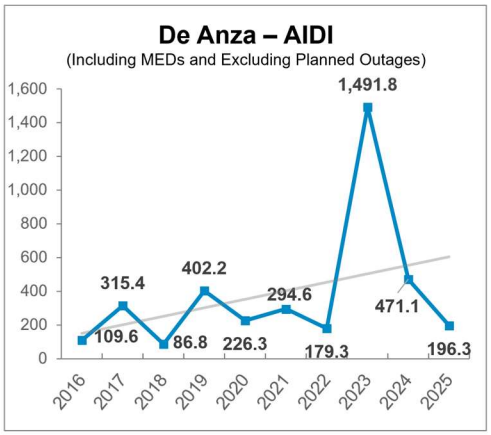


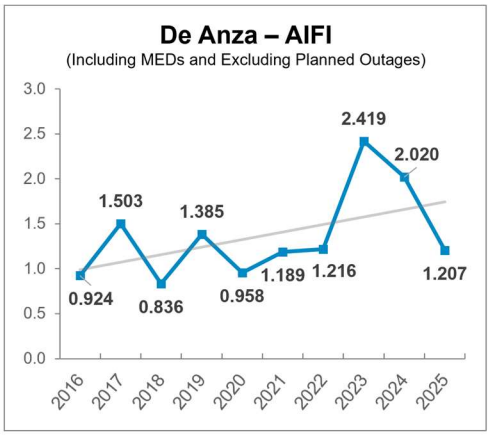


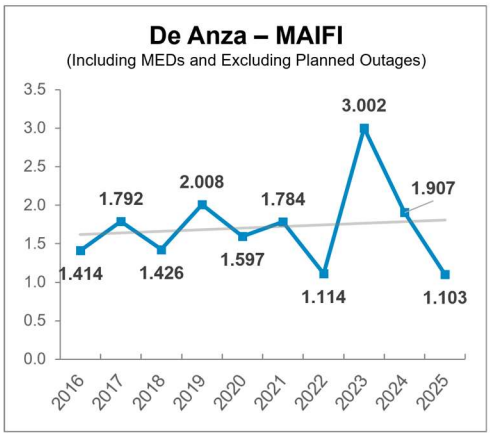


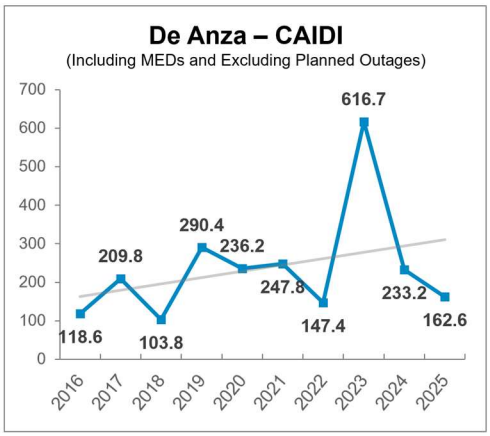


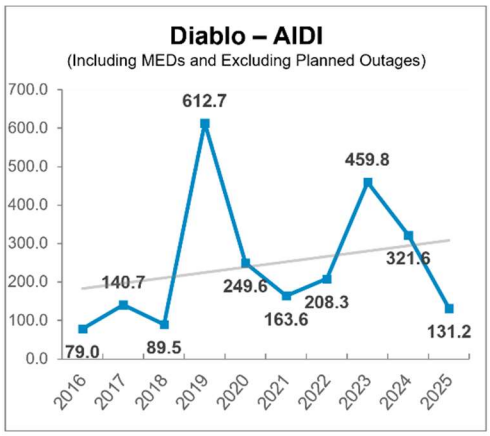


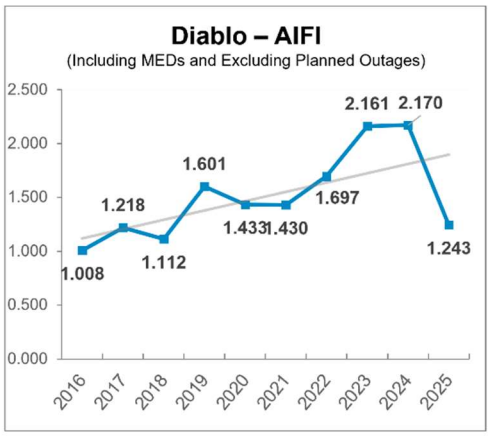

De Anza – AIDI
(Including MEDs and Excluding Planned Outages)
1,600
1,400
1,200
1,000
800
600
400
200
0
315.4
402.2
294.6
1,491.8
471.1
109.6
86.8
226.3
179.3
196.3
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

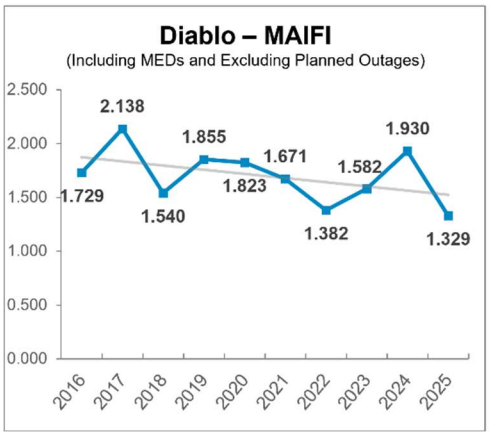

De Anza – AIFI
(Including MEDs and Excluding Planned Outages)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.503
1.385
2.419
2.020
0.924
0.836
0.958
1.189
1.216
1.207
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

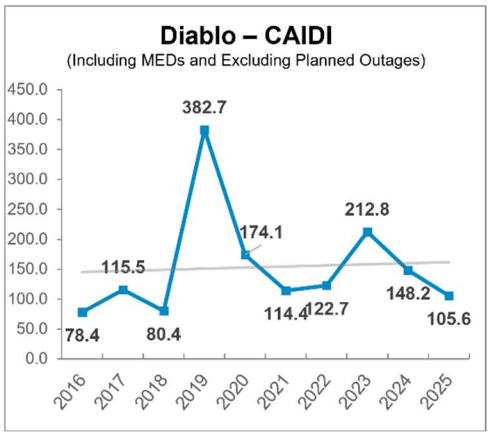

De Anza – MAIFI
(Including MEDs and Excluding Planned Outages)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.792
2.008
1.784
3.002
1.907
1.414
1.426
1.597
1.114
1.103
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

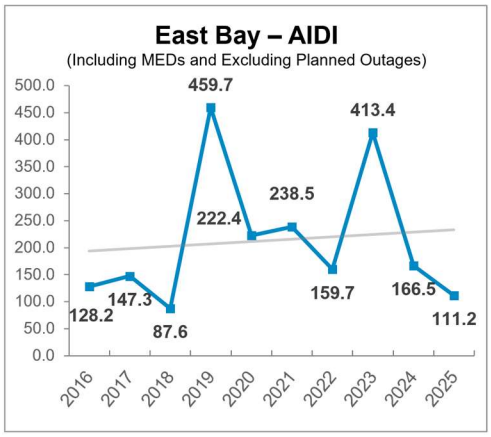

De Anza – CAIDI
(Including MEDs and Excluding Planned Outages)
700
600
500
400
300
200
100
0
209.8
290.4
236.2
247.8
616.7
233.2
118.6
103.8
147.4
162.6
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

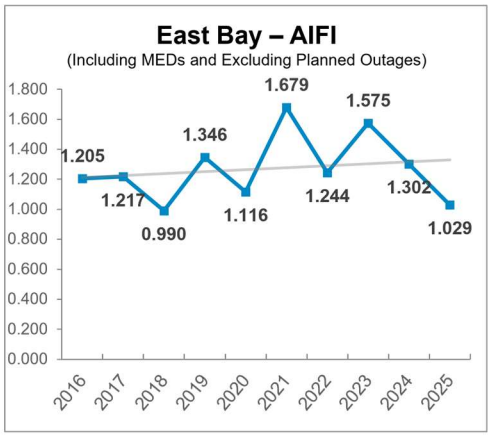

Diablo – AIDI
(Including MEDs and Excluding Planned Outages)
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
612.7
459.8
140.7
249.6
208.3
321.6
163.6
131.2
79.0
89.5
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

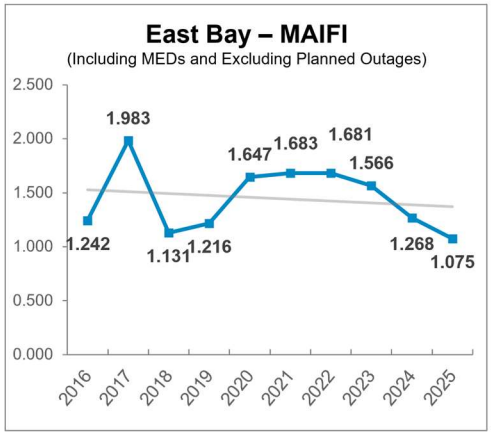

Diablo – AIFI
(Including MEDs and Excluding Planned Outages)
2.500
2.000
1.500
1.000
0.500
0.000
2.161
2.170
1.601
1.218
1.697
1.433
1.430
1.243
1.008
1.112
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

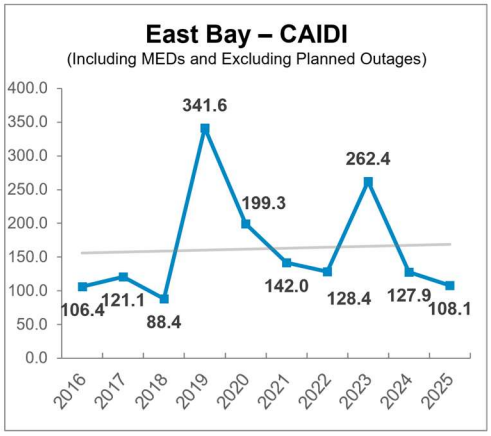

Diablo – MAIFI
(Including MEDs and Excluding Planned Outages)
2.500
2.000
1.500
1.000
0.500
0.000
2.138
1.855
1.671
1.582
1.930
1.729
1.540
1.823
1.382
1.329
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

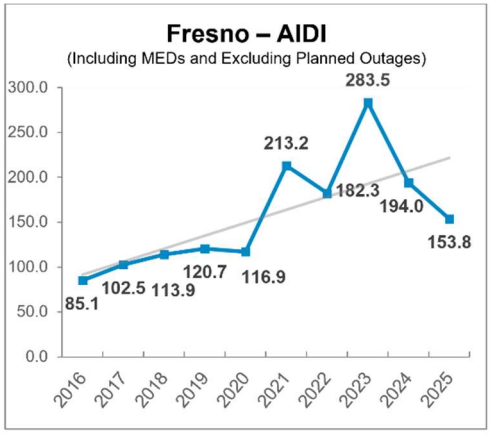

Diablo – CAIDI
(Including MEDs and Excluding Planned Outages)
450.0
400.0
350.0
300.0
250.0
200.0
150.0
100.0
50.0
0.0
382.7
174.1
212.8
115.5
148.2
78.4
80.4
114.4
122.7
105.6
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

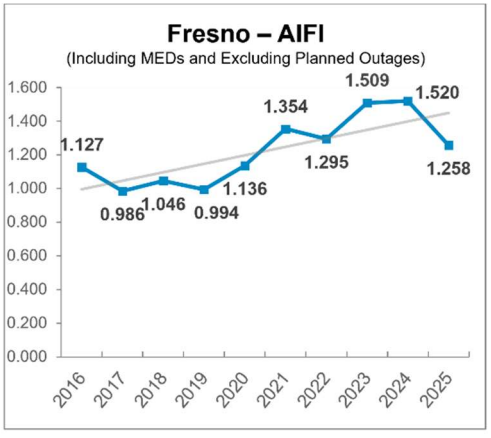

East Bay – AIDI
(Including MEDs and Excluding Planned Outages)
128.2
147.3
87.6
459.7
222.4
238.5
159.7
413.4
166.5
111.2

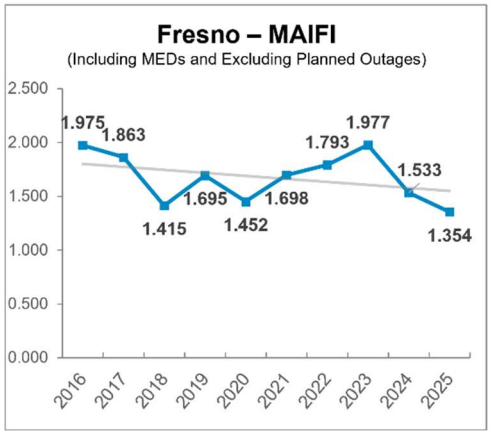

East Bay – AIFI
(Including MEDs and Excluding Planned Outages)
1.205
1.217
0.990
1.346
1.116
1.679
1.244
1.575
1.302
1.029

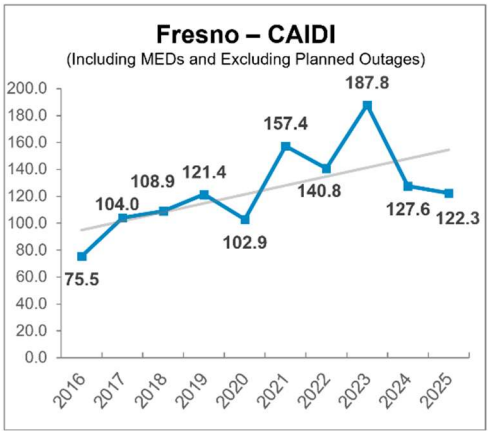

East Bay – MAIFI
(Including MEDs and Excluding Planned Outages)
1.242
1.983
1.131
1.216
1.647
1.683
1.681
1.566
1.268
1.075

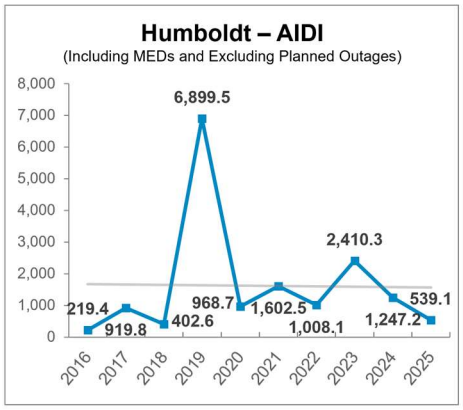

East Bay – CAIDI
(Including MEDs and Excluding Planned Outages)
106.4
121.1
88.4
341.6
199.3
142.0
128.4
262.4
127.9
108.1

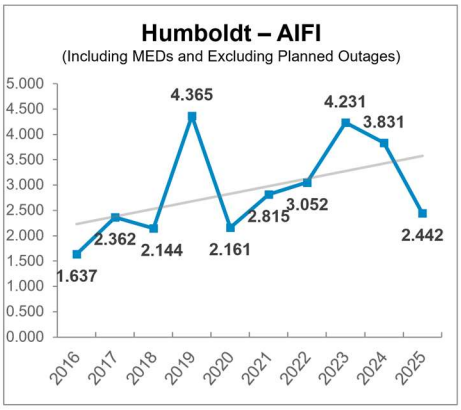

Fresno – AIDI
(Including MEDs and Excluding Planned Outages)
85.1
102.5
113.9
120.7
116.9
213.2
283.5
182.3
194.0
153.8

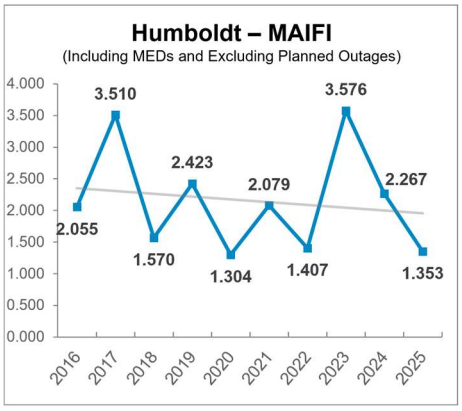

Fresno – AIFI
(Including MEDs and Excluding Planned Outages)
1.127
0.986
1.046
0.994
1.136
1.354
1.295
1.509
1.520
1.258

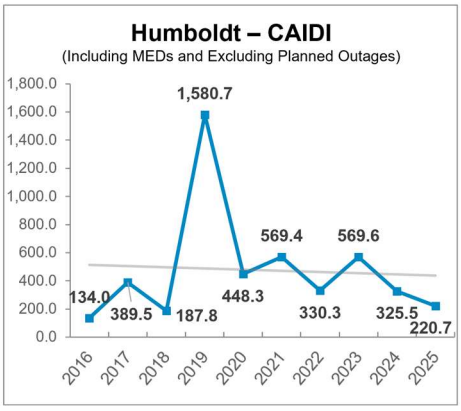

Fresno – MAIFI
(Including MEDs and Excluding Planned Outages)
1.975
1.863
1.415
1.695
1.452
1.698
1.793
1.977
1.533
1.354

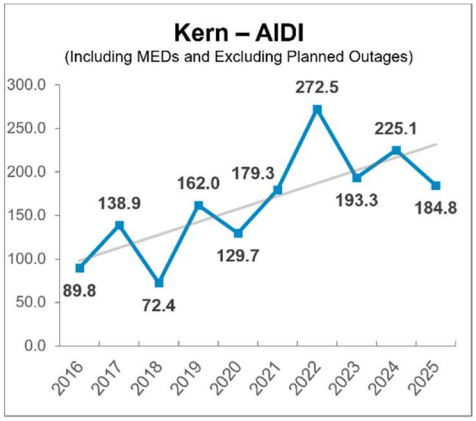

Fresno – CAIDI
(Including MEDs and Excluding Planned Outages)
75.5
104.0
108.9
121.4
102.9
157.4
140.8
187.8
127.6
122.3

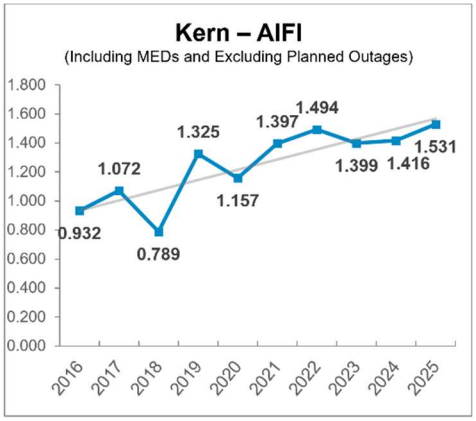

Humboldt – AIDI
(Including MEDs and Excluding Planned Outages)
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
6,899.5
2,410.3
219.4
919.8
402.6
968.7
1,602.5
1,008.1
1,247.2
539.1
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

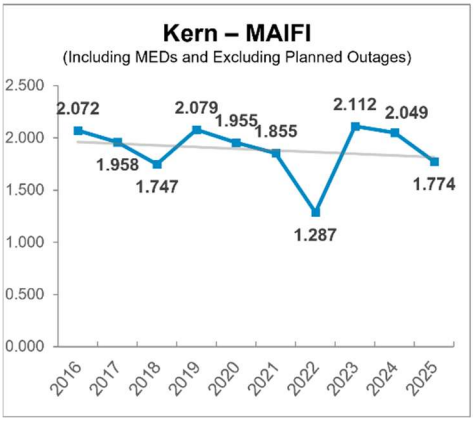

Humboldt – AIFI
(Including MEDs and Excluding Planned Outages)
5.000
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
4.365
4.231
3.831
3.052
2.815
2.362
2.144
2.161
1.637
2.442
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

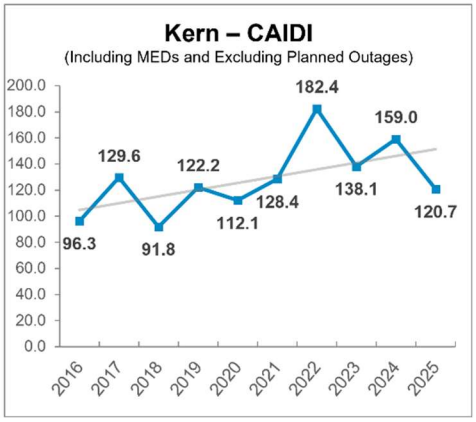

Humboldt – MAIFI
(Including MEDs and Excluding Planned Outages)
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
3.510
3.576
2.423
2.079
2.267
2.055
1.570
1.304
1.407
1.353
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

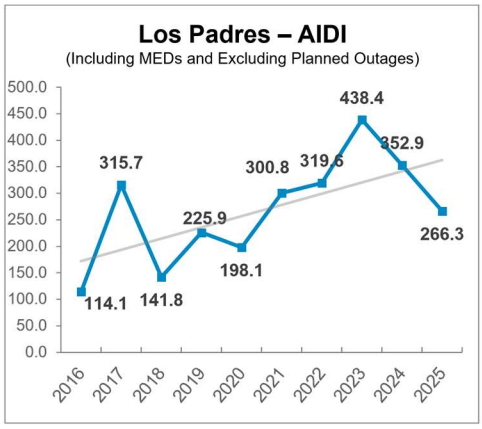

Humboldt – CAIDI
(Including MEDs and Excluding Planned Outages)
1,800.0
1,600.0
1,400.0
1,200.0
1,000.0
800.0
600.0
400.0
200.0
0.0
1,580.7
569.4
569.6
134.0
389.5
187.8
448.3
330.3
325.5
220.7
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

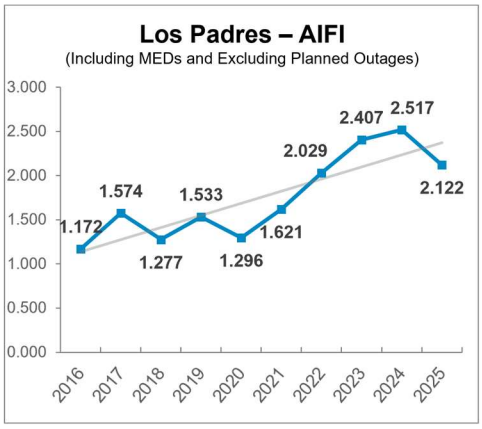

Kern – AIDI
(Including MEDs and Excluding Planned Outages)
300.0
250.0
200.0
150.0
100.0
50.0
0.0
272.5
225.1
162.0
179.3
138.9
193.3
184.8
129.7
89.8
72.4
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

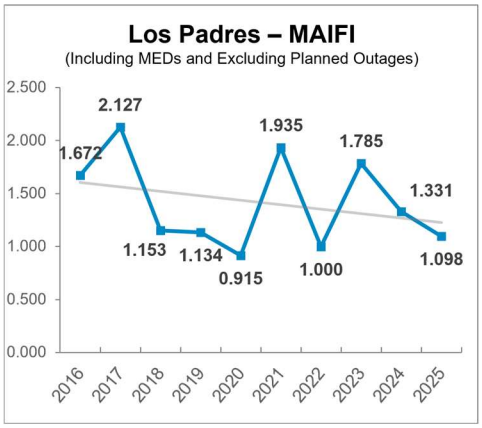

Kern – AIFI
(Including MEDs and Excluding Planned Outages)
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
1.494
1.397
1.325
1.531
1.072
1.399
1.416
1.157
0.932
0.789
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

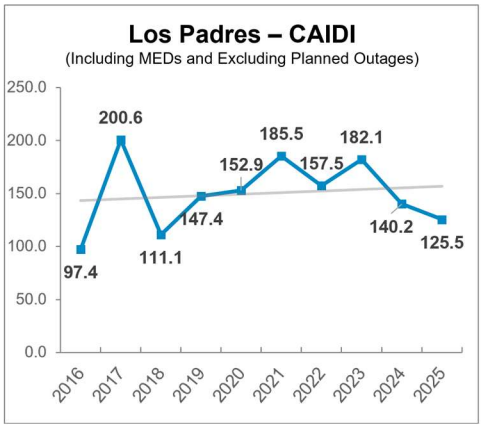

Kern – MAIFI
(Including MEDs and Excluding Planned Outages)
2.500
2.000
1.500
1.000
0.500
0.000
2.072
2.079
1.955
1.855
2.112
2.049
1.958
1.747
1.774
1.287
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

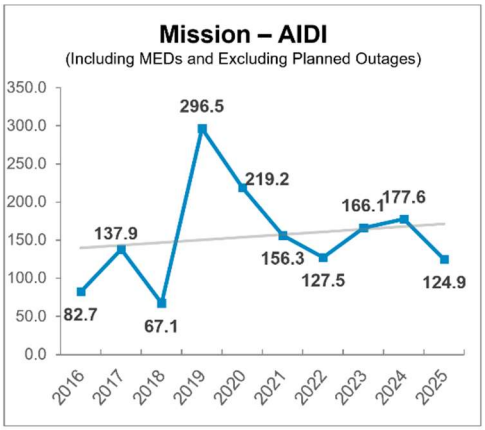

Kern – CAIDI
(Including MEDs and Excluding Planned Outages)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
182.4
159.0
129.6
122.2
138.1
128.4
120.7
112.1
96.3
91.8
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

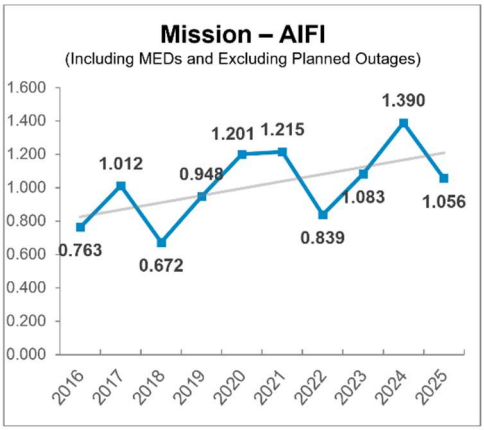

Los Padres – AIDI
(Including MEDs and Excluding Planned Outages)
114.1
315.7
141.8
225.9
198.1
300.8
319.6
438.4
352.9
266.3

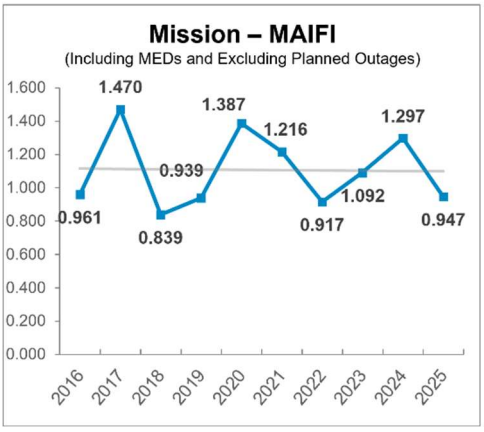

Los Padres – AIFI
(Including MEDs and Excluding Planned Outages)
1.172
1.574
1.277
1.533
1.296
1.621
2.029
2.407
2.517
2.122

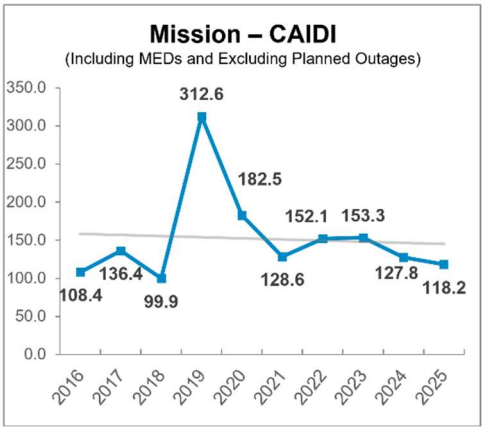

Los Padres – MAIFI
(Including MEDs and Excluding Planned Outages)
1.672
2.127
1.153
1.134
0.915
1.935
1.000
1.785
1.331
1.098

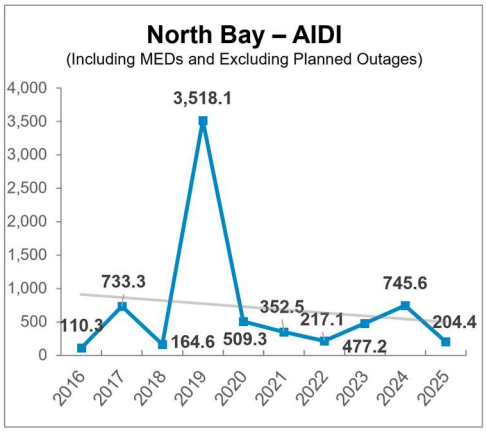

Los Padres – CAIDI
(Including MEDs and Excluding Planned Outages)
97.4
200.6
111.1
147.4
152.9
185.5
157.5
182.1
140.2
125.5

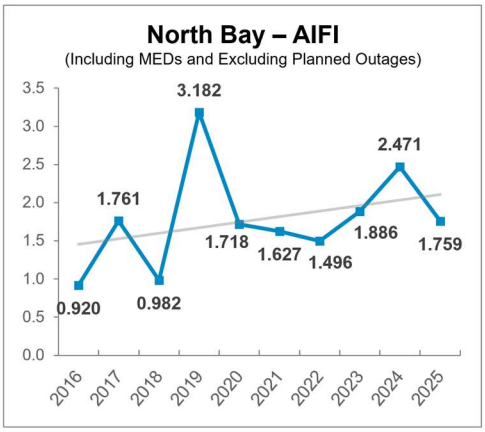

Mission – AIDI
(Including MEDs and Excluding Planned Outages)
82.7
137.9
67.1
296.5
219.2
156.3
127.5
166.1
177.6
124.9

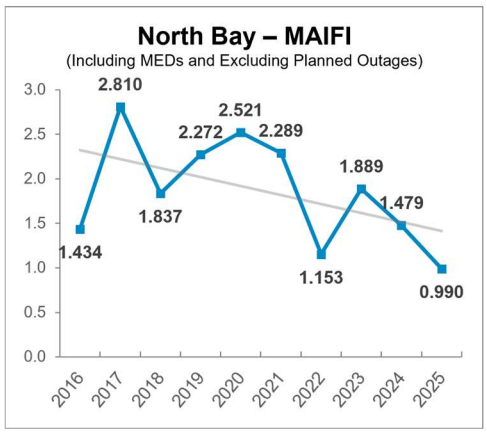

Mission – AIFI
(Including MEDs and Excluding Planned Outages)
0.763
1.012
0.672
0.948
1.201
1.215
0.839
1.083
1.390
1.056

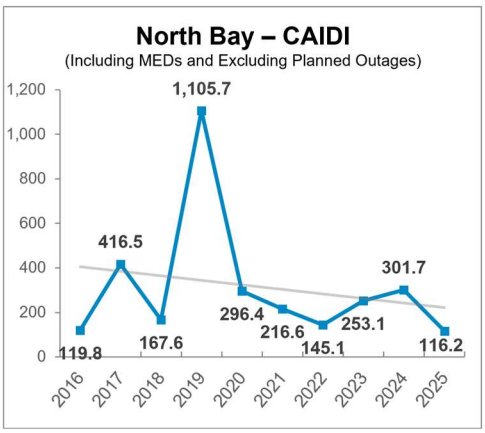

Mission – MAIFI
(Including MEDs and Excluding Planned Outages)
0.961
1.470
0.839
0.939
1.387
1.216
0.917
1.092
1.297
0.947

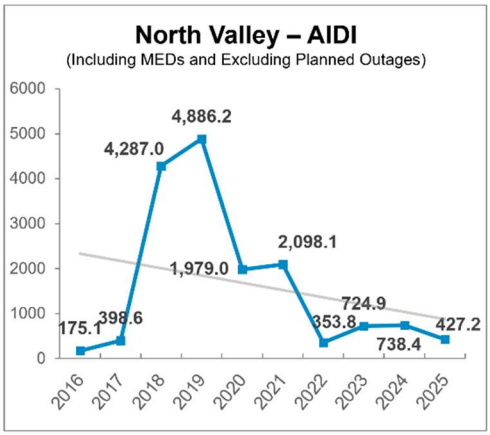

Mission – CAIDI
(Including MEDs and Excluding Planned Outages)
108.4
136.4
99.9
312.6
182.5
128.6
152.1
153.3
127.8
118.2

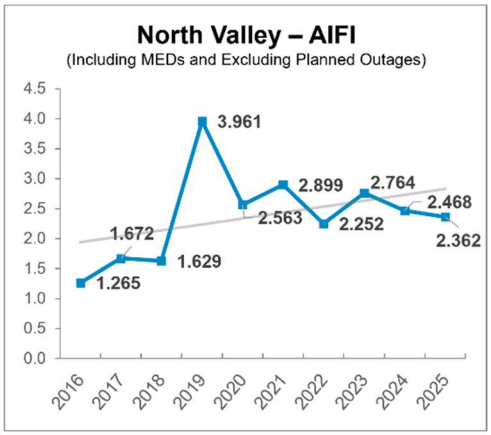

North Bay – AIDI
(Including MEDs and Excluding Planned Outages)
110.3
733.3
164.6
3,518.1
509.3
352.5
217.1
477.2
745.6
204.4

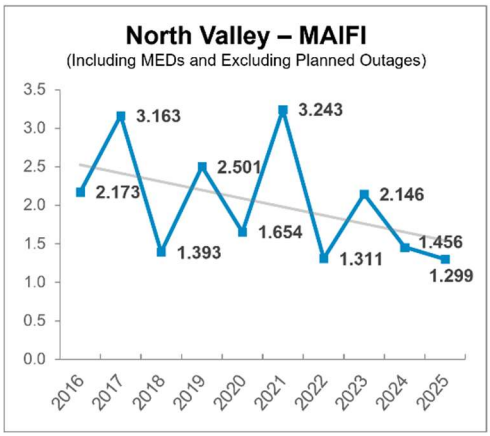

North Bay – AIFI
(Including MEDs and Excluding Planned Outages)
0.920
1.761
0.982
3.182
1.718
1.627
1.496
1.886
2.471
1.759

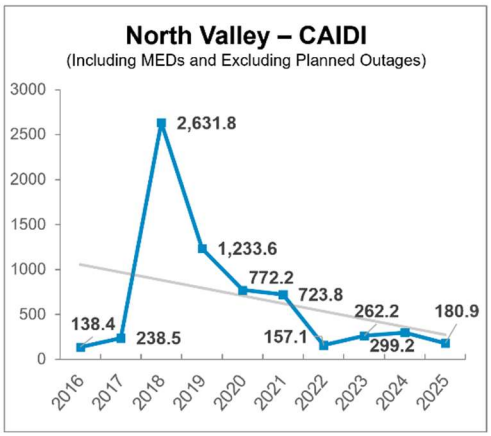

North Bay – MAIFI
(Including MEDs and Excluding Planned Outages)
1.434
2.810
1.837
2.272
2.521
2.289
1.153
1.889
1.479
0.990

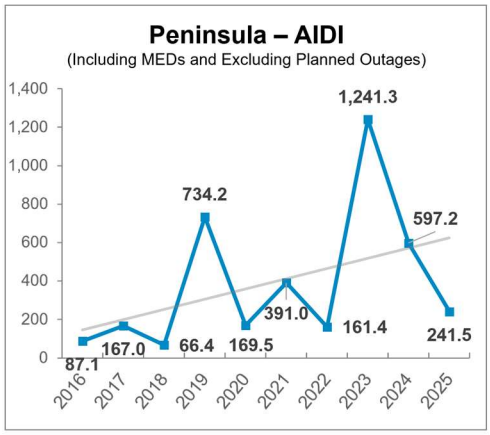

North Bay – CAIDI
(Including MEDs and Excluding Planned Outages)
119.8
416.5
167.6
1,105.7
296.4
216.6
145.1
253.1
301.7
116.2

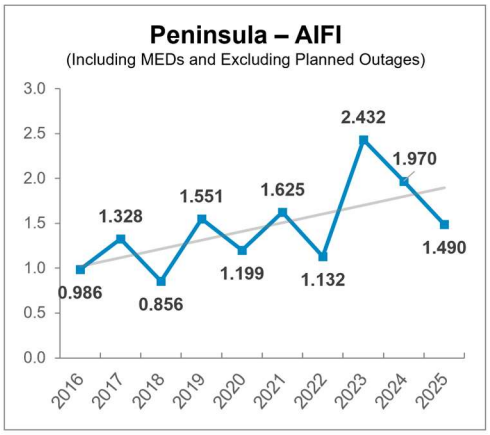

North Valley – AIDI
(Including MEDs and Excluding Planned Outages)
175.1
398.6
4,287.0
4,886.2
1,979.0
2,098.1
353.8
724.9
738.4
427.2

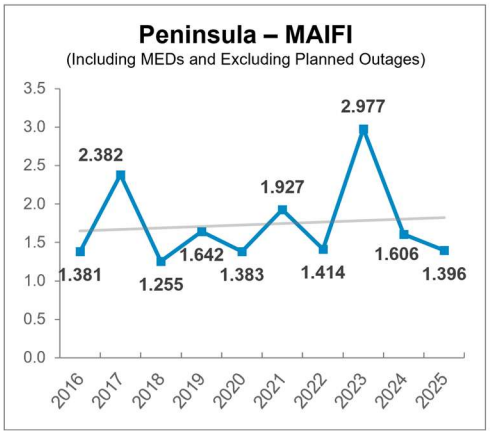

North Valley – AIFI
(Including MEDs and Excluding Planned Outages)
1.265
1.672
1.629
3.961
2.563
2.899
2.252
2.764
2.468
2.362

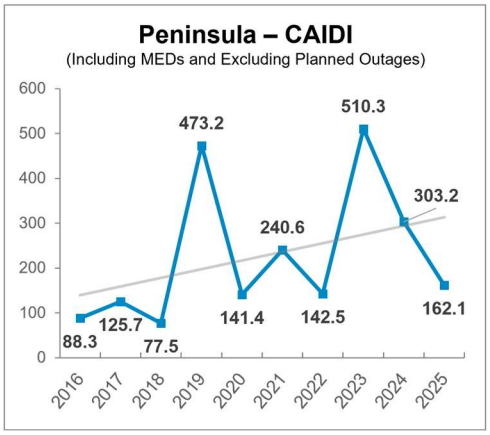

North Valley – MAIFI
(Including MEDs and Excluding Planned Outages)
2.173
3.163
1.393
2.501
1.654
3.243
1.311
2.146
1.456
1.299

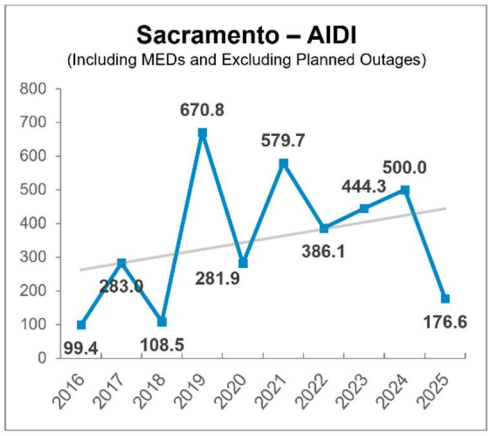

North Valley – CAIDI
(Including MEDs and Excluding Planned Outages)
138.4
238.5
2,631.8
1,233.6
772.2
723.8
157.1
262.2
299.2
180.9

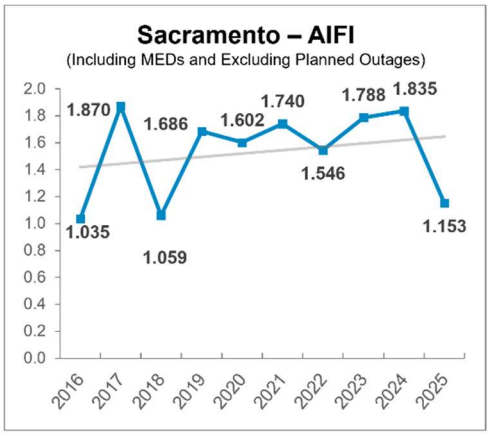

Peninsula – AIDI
(Including MEDs and Excluding Planned Outages)
1,400
1,200
1,000
800
600
400
200
0
87.1
167.0
66.4
734.2
169.5
391.0
161.4
1,241.3
597.2
241.5
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

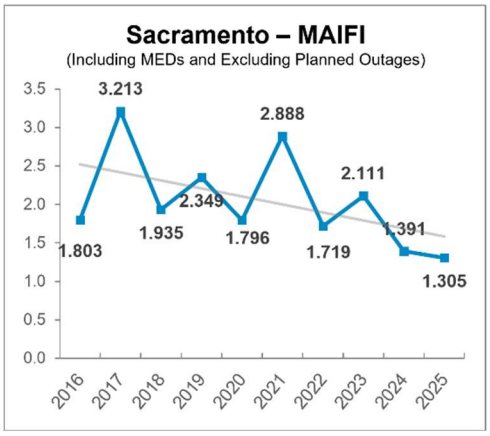

Peninsula – AIFI
(Including MEDs and Excluding Planned Outages)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.986
1.328
0.856
1.551
1.199
1.625
1.132
2.432
1.970
1.490
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

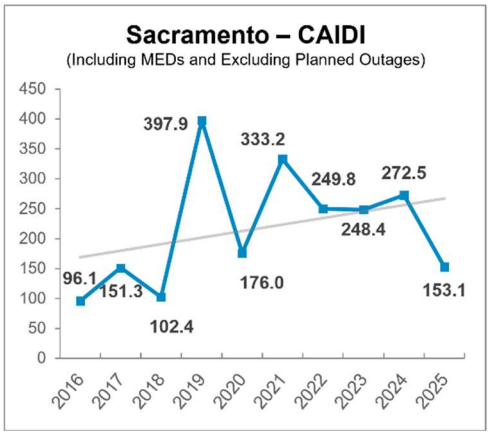

Peninsula – MAIFI
(Including MEDs and Excluding Planned Outages)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.381
2.382
1.255
1.642
1.383
1.927
1.414
2.977
1.606
1.396
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

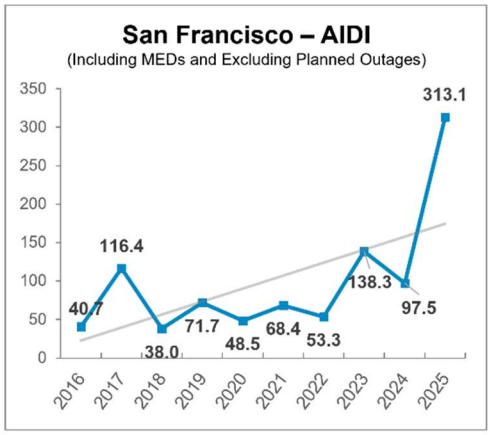

Peninsula – CAIDI
(Including MEDs and Excluding Planned Outages)
600
500
400
300
200
100
0
88.3
125.7
77.5
473.2
141.4
240.6
142.5
510.3
303.2
162.1
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

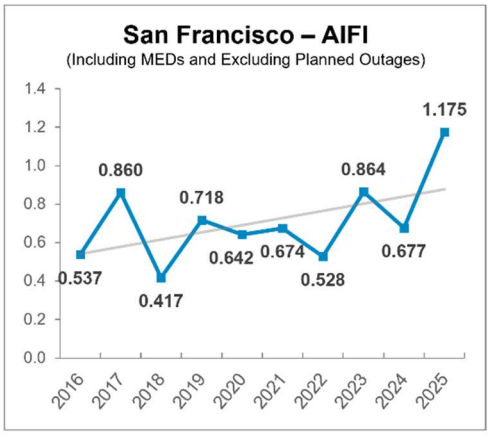

Sacramento – AIDI
(Including MEDs and Excluding Planned Outages)
800
700
600
500
400
300
200
100
0
99.4
283.0
108.5
670.8
281.9
579.7
386.1
444.3
500.0
176.6
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

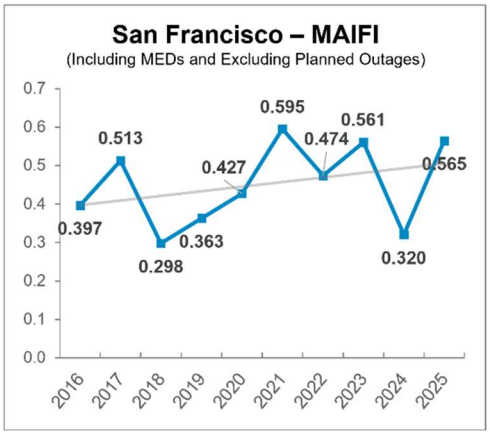

Sacramento – AIFI
(Including MEDs and Excluding Planned Outages)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1.035
1.870
1.059
1.686
1.602
1.740
1.546
1.788
1.835
1.153
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

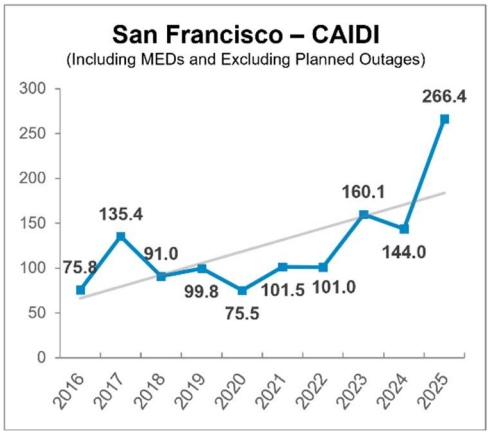

Sacramento – MAIFI
(Including MEDs and Excluding Planned Outages)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.803
3.213
1.935
2.349
1.796
2.888
1.719
2.111
1.391
1.305
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

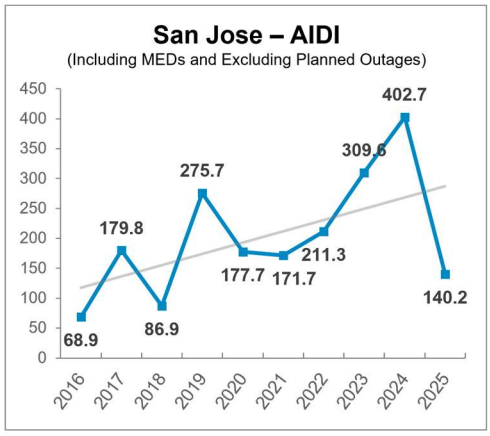

Sacramento – CAIDI
(Including MEDs and Excluding Planned Outages)
450
400
350
300
250
200
150
100
50
0
96.1
151.3
102.4
397.9
176.0
333.2
248.4
249.8
272.5
153.1
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

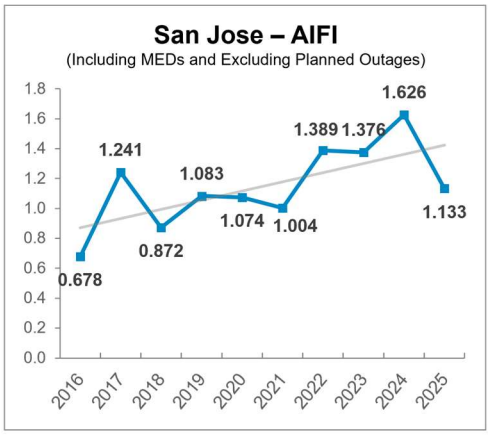

San Francisco – AIDI
(Including MEDs and Excluding Planned Outages)
313.1
116.4
40.7
38.0
71.7
48.5
68.4
53.3
138.3
97.5

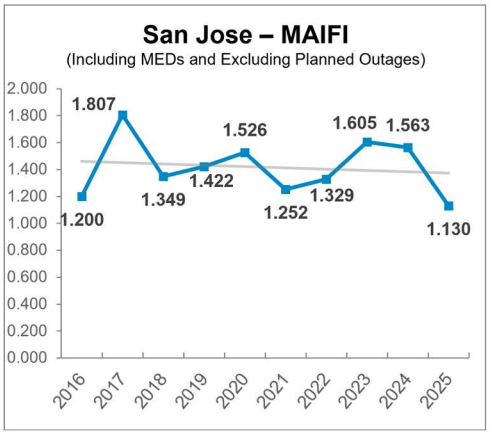

San Francisco – AIFI
(Including MEDs and Excluding Planned Outages)
1.175
0.860
0.718
0.864
0.642
0.674
0.677
0.537
0.417
0.528

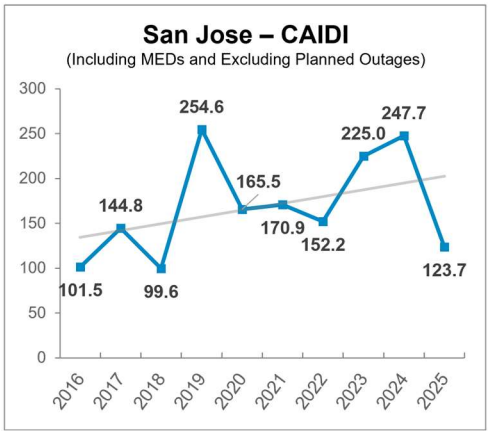

San Francisco – MAIFI
(Including MEDs and Excluding Planned Outages)
0.595
0.561
0.513
0.474
0.427
0.565
0.397
0.363
0.298
0.320

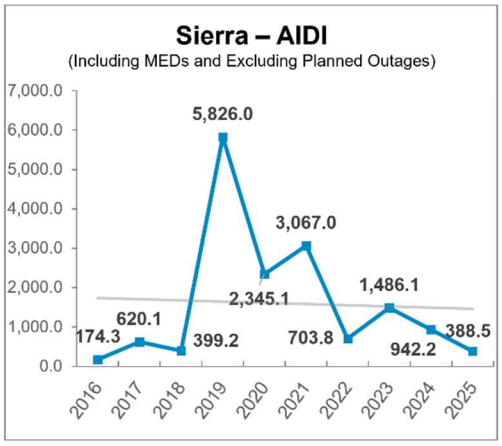

San Francisco – CAIDI
(Including MEDs and Excluding Planned Outages)
266.4
160.1
135.4
91.0
144.0
75.8
99.8
101.5
101.0
75.5

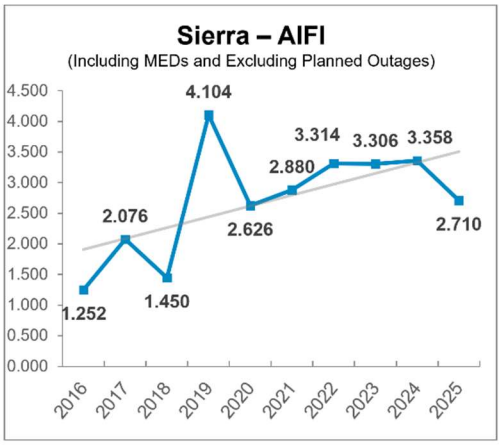

San Jose – AIDI
(Including MEDs and Excluding Planned Outages)
402.7
309.6
275.7
179.8
211.3
177.7
171.7
140.2
68.9
86.9

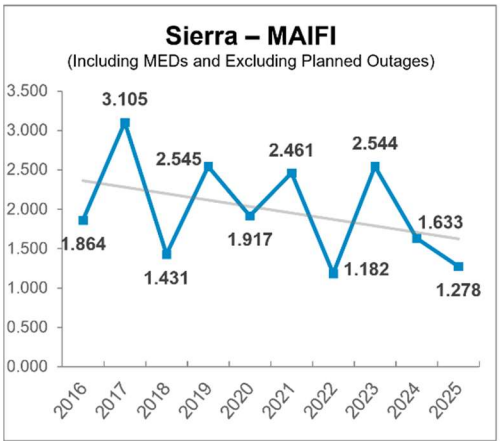

San Jose – AIFI
(Including MEDs and Excluding Planned Outages)
1.626
1.389
1.376
1.241
1.083
1.133
1.074
1.004
0.872
0.678

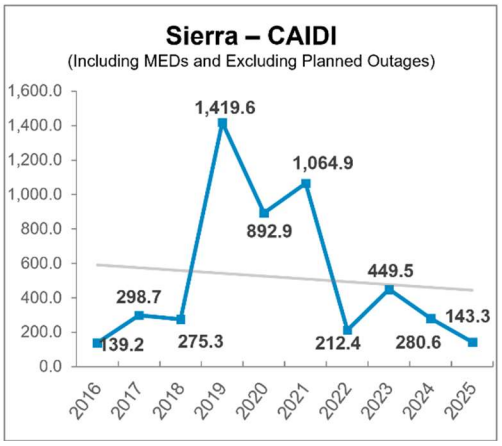

San Jose – MAIFI
(Including MEDs and Excluding Planned Outages)
1.807
1.605
1.563
1.526
1.422
1.349
1.329
1.252
1.200
1.130

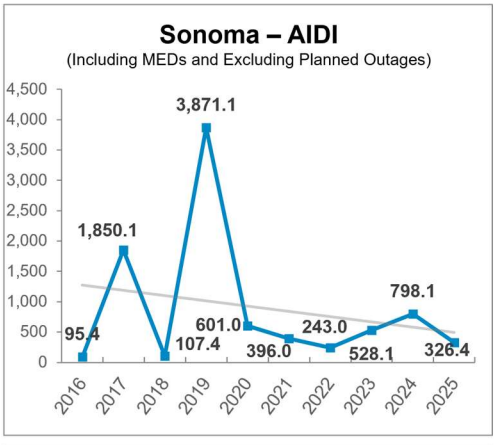

San Jose – CAIDI
(Including MEDs and Excluding Planned Outages)
254.6
247.7
225.0
165.5
144.8
170.9
152.2
123.7
101.5
99.6

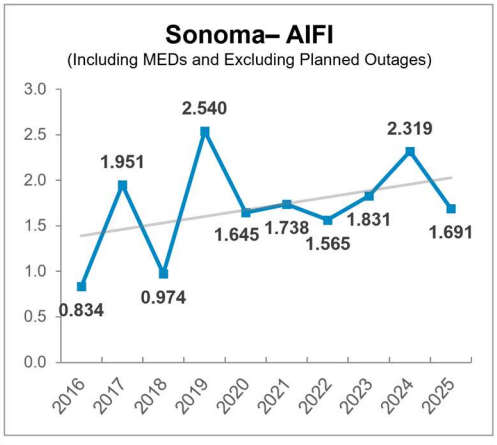

Sierra – AIDI
(Including MEDs and Excluding Planned Outages)
7,000.0
6,000.0
5,000.0
4,000.0
3,000.0
2,000.0
1,000.0
0.0
174.3
620.1
399.2
5,826.0
2,345.1
703.8
3,067.0
1,486.1
942.2
388.5
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

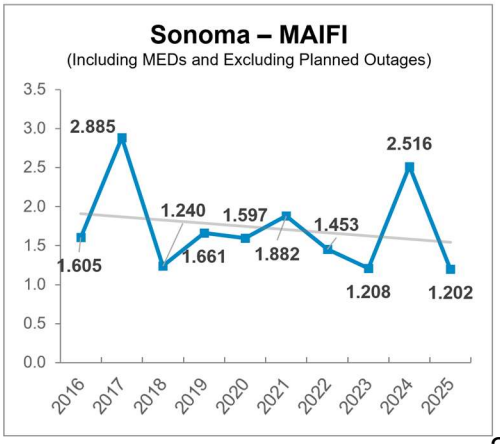

Sierra – AIFI
(Including MEDs and Excluding Planned Outages)
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
1.252
2.076
1.450
4.104
2.626
2.880
3.314
3.306
3.358
2.710
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

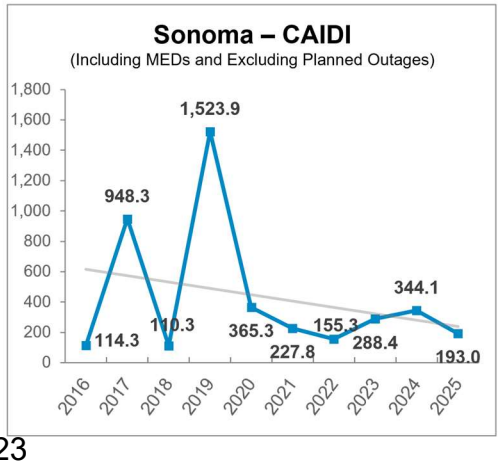

Sierra – MAIFI
(Including MEDs and Excluding Planned Outages)
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
1.864
3.105
1.431
2.545
1.917
2.461
1.182
2.544
1.633
1.278
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

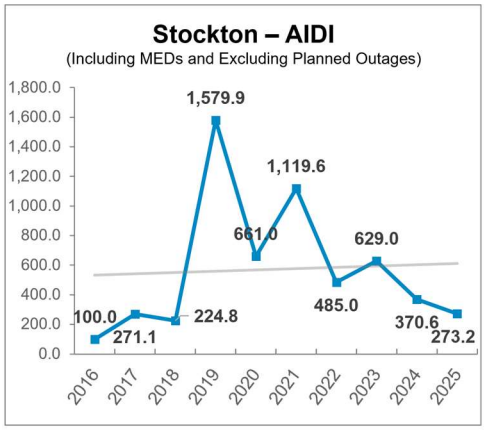

Sierra – CAIDI
(Including MEDs and Excluding Planned Outages)
1,600.0
1,400.0
1,200.0
1,000.0
800.0
600.0
400.0
200.0
0.0
139.2
298.7
275.3
1,419.6
892.9
1,064.9
212.4
449.5
280.6
143.3
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

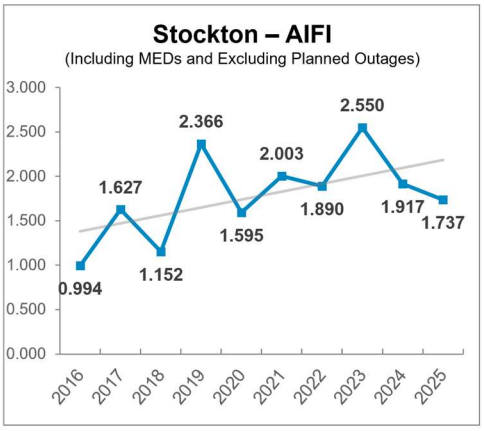

Sonoma – AIDI
(Including MEDs and Excluding Planned Outages)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
95.4
1,850.1
107.4
3,871.1
601.0
396.0
243.0
528.1
798.1
326.4
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

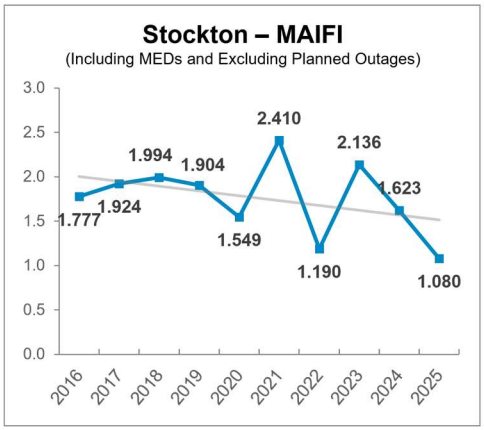

Sonoma– AIFI
(Including MEDs and Excluding Planned Outages)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.834
1.951
0.974
2.540
1.645
1.738
1.565
1.831
2.319
1.691
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

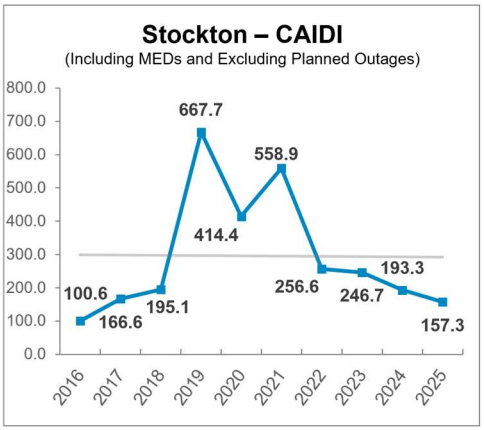

Sonoma – MAIFI
(Including MEDs and Excluding Planned Outages)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.605
2.885
1.661
1.240
1.882
1.597
1.208
1.453
2.516
1.202
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

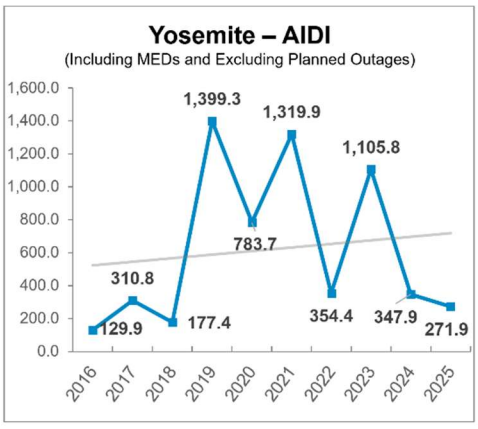

Sonoma – CAIDI
(Including MEDs and Excluding Planned Outages)
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
114.3
948.3
110.3
1,523.9
365.3
227.8
155.3
288.4
344.1
193.0
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

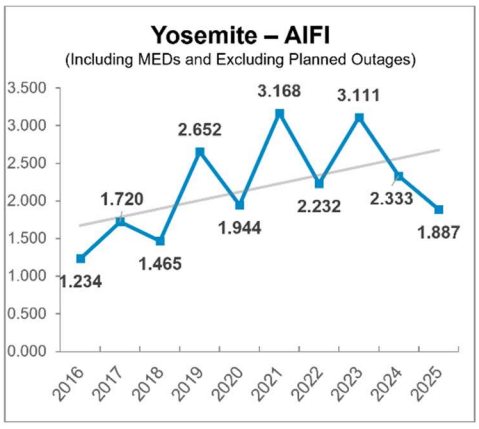

Stockton – AIDI
(Including MEDs and Excluding Planned Outages)
1,800.0
1,600.0
1,400.0
1,200.0
1,000.0
800.0
600.0
400.0
200.0
0.0
100.0
271.1
224.8
1,579.9
661.0
1,119.6
485.0
629.0
370.6
273.2
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

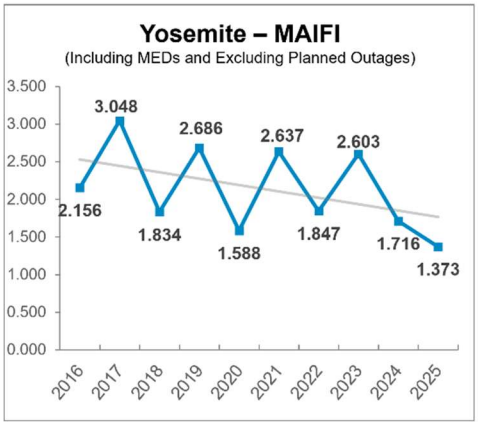

Stockton – AIFI
(Including MEDs and Excluding Planned Outages)
3.000
2.500
2.000
1.500
1.000
0.500
0.000
0.994
1.627
1.152
2.366
1.595
2.003
1.890
2.550
1.917
1.737
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

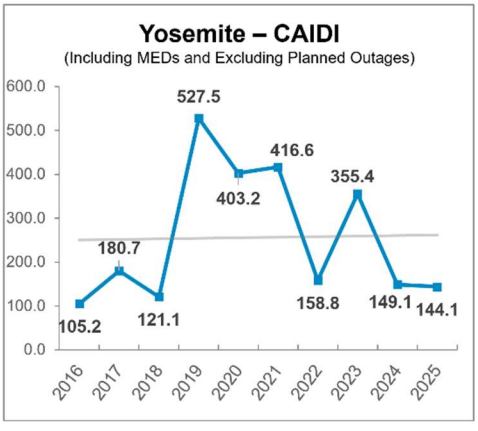

Stockton – MAIFI
(Including MEDs and Excluding Planned Outages)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.777
1.924
1.994
1.904
1.549
2.410
1.190
2.136
1.623
1.080
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025


Stockton – CAIDI
(Including MEDs and Excluding Planned Outages)
800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
100.6
166.6
195.1
667.7
414.4
558.9
256.6
246.7
193.3
157.3
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

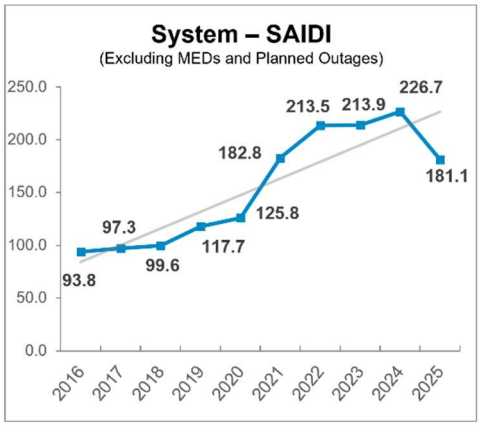

Yosemite – AIDI
(Including MEDs and Excluding Planned Outages)
1,600.0
1,400.0
1,200.0
1,000.0
800.0
600.0
400.0
200.0
0.0
129.9
310.8
177.4
1,399.3
783.7
1,319.9
354.4
1,105.8
347.9
271.9
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

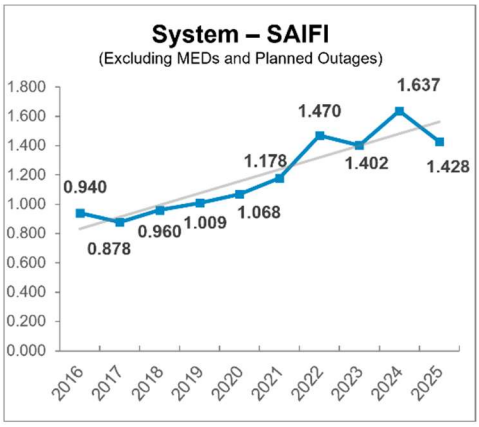

Yosemite – AIFI
(Including MEDs and Excluding Planned Outages)
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
1.234
1.720
1.465
2.652
1.944
3.168
2.232
3.111
2.333
1.887
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

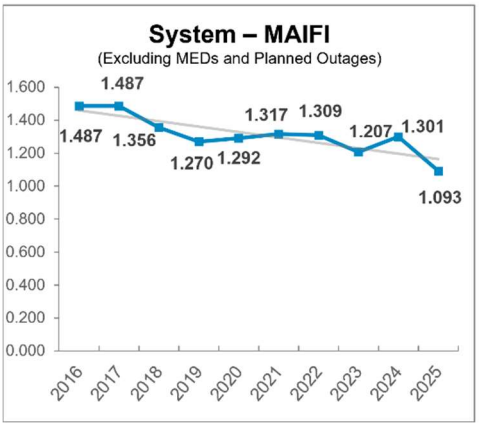

Yosemite – MAIFI
(Including MEDs and Excluding Planned Outages)
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
2.156
3.048
1.834
2.686
1.588
2.637
1.847
2.603
1.716
1.373
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

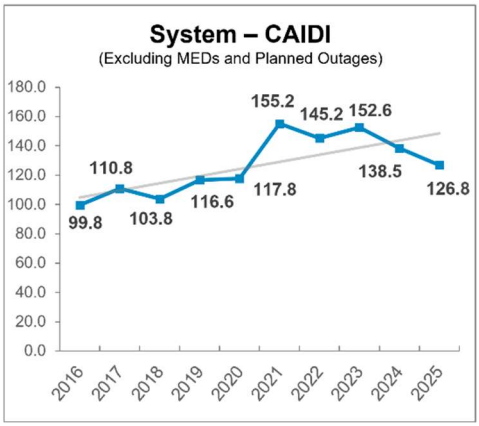

Yosemite – CAIDI
(Including MEDs and Excluding Planned Outages)
600.0
500.0
400.0
300.0
200.0
100.0
0.0
105.2
180.7
121.1
527.5
403.2
416.6
158.8
355.4
149.1
144.1
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

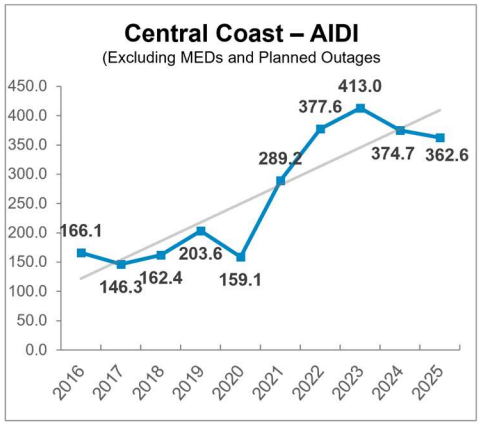
ii. Charts Excluding MEDs and Planned Outages

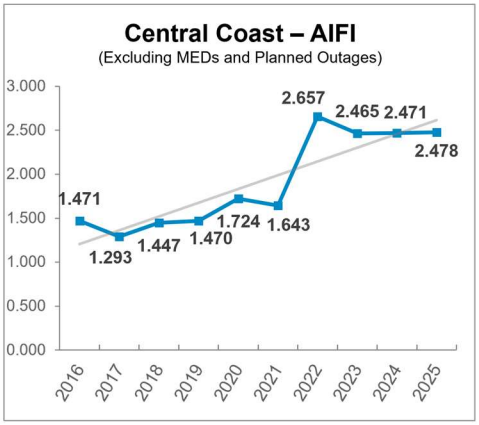


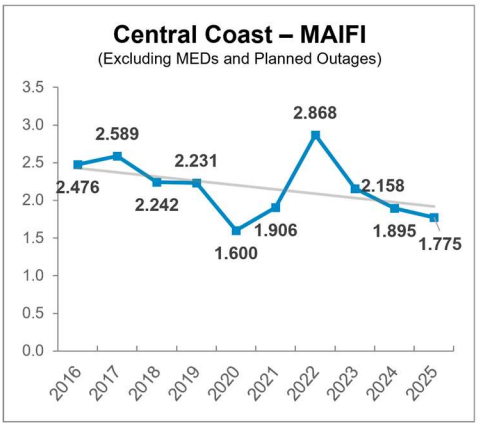


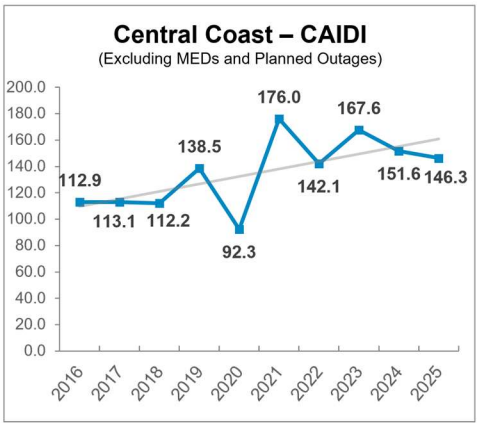


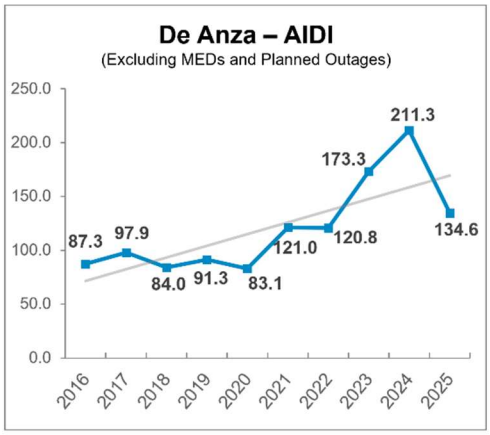


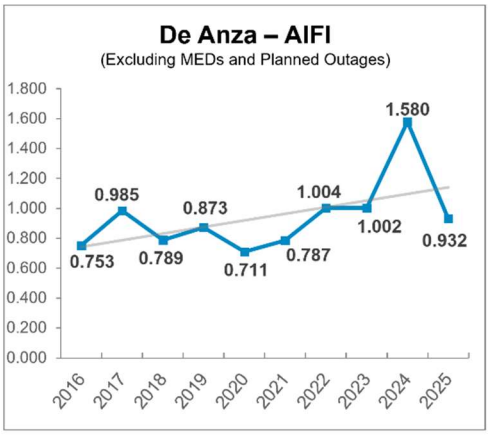


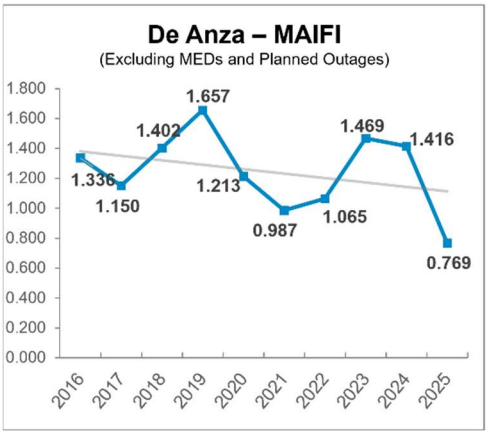


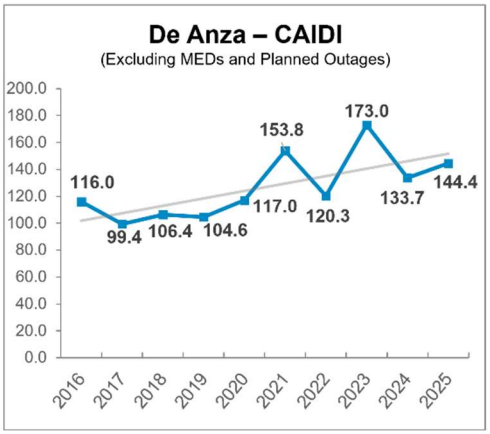


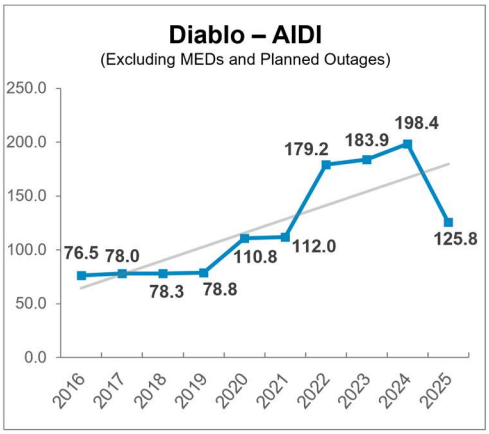


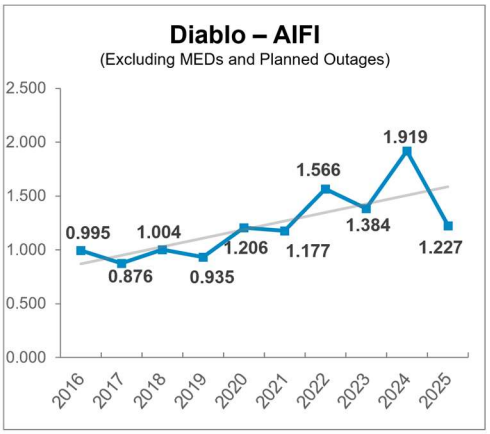

De Anza – AIDI
(Excluding MEDs and Planned Outages)
250.0
200.0
150.0
100.0
50.0
0.0
87.3
97.9
84.0
91.3
83.1
121.0
120.8
173.3
211.3
134.6
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

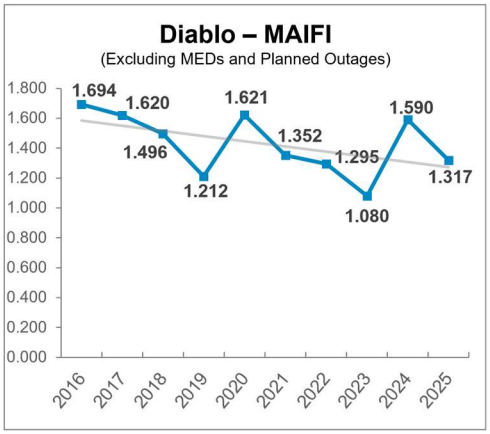

De Anza – AIFI
(Excluding MEDs and Planned Outages)
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
0.753
0.985
0.789
0.873
0.711
0.787
1.004
1.002
1.580
0.932
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

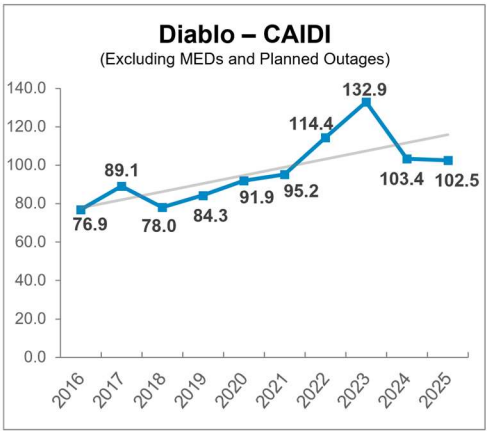

De Anza – MAIFI
(Excluding MEDs and Planned Outages)
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
1.336
1.150
1.402
1.657
1.213
0.987
1.065
1.469
1.416
0.769
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

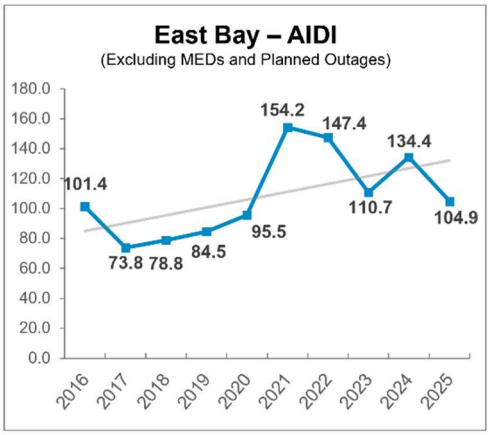

De Anza – CAIDI
(Excluding MEDs and Planned Outages)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
116.0
99.4
106.4
104.6
117.0
153.8
120.3
173.0
133.7
144.4
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

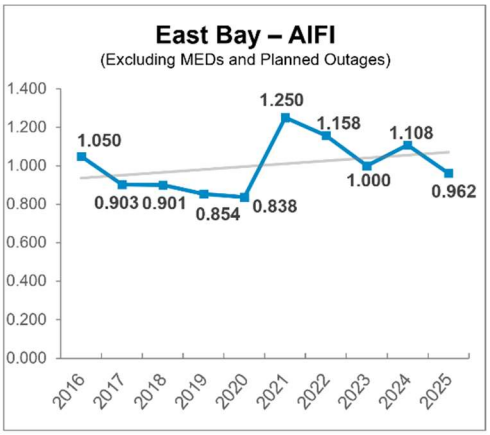

Diablo – AIDI
(Excluding MEDs and Planned Outages)
250.0
200.0
150.0
100.0
50.0
0.0
76.5
78.0
78.3
78.8
110.8
112.0
179.2
183.9
198.4
125.8
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

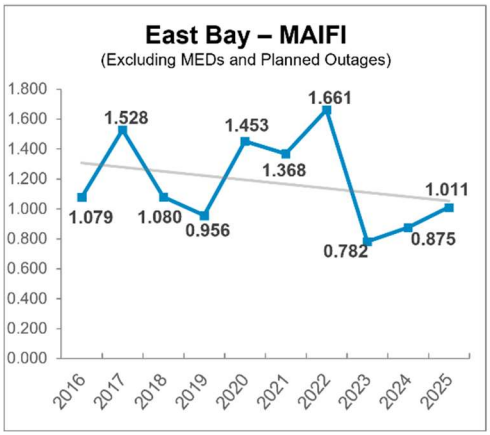

Diablo – AIFI
(Excluding MEDs and Planned Outages)
2.500
2.000
1.500
1.000
0.500
0.000
0.995
0.876
1.004
0.935
1.206
1.177
1.566
1.384
1.919
1.227
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

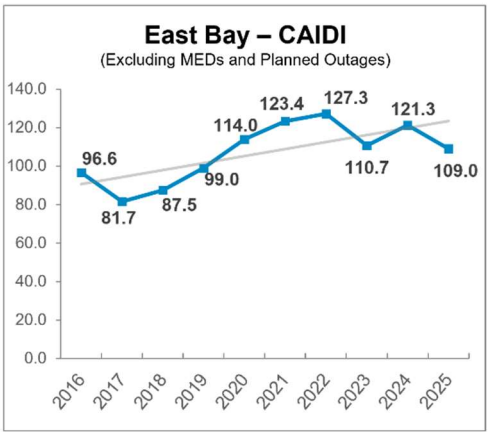

Diablo – MAIFI
(Excluding MEDs and Planned Outages)
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
1.694
1.620
1.496
1.212
1.621
1.352
1.295
1.080
1.590
1.317
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

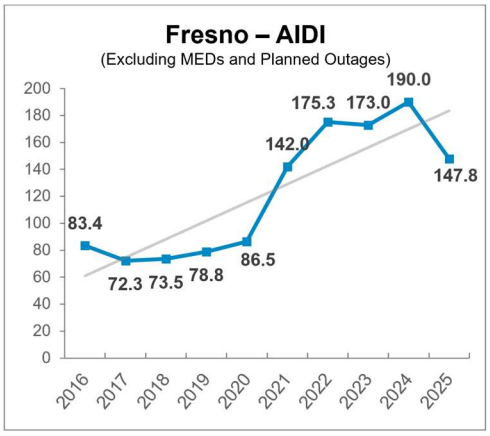

Diablo – CAIDI
(Excluding MEDs and Planned Outages)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
76.9
89.1
78.0
84.3
91.9
95.2
114.4
132.9
103.4
102.5
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

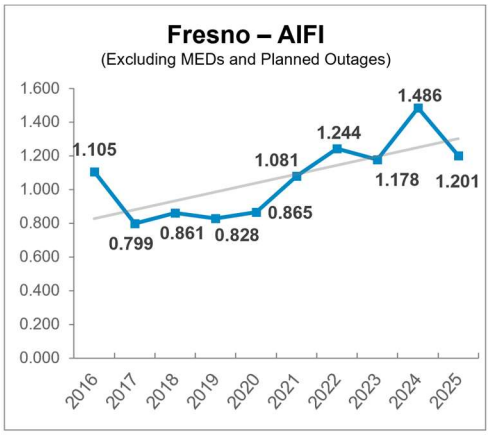

East Bay – AIDI
(Excluding MEDs and Planned Outages)
101.4
73.8
78.8
84.5
95.5
154.2
147.4
110.7
134.4
104.9

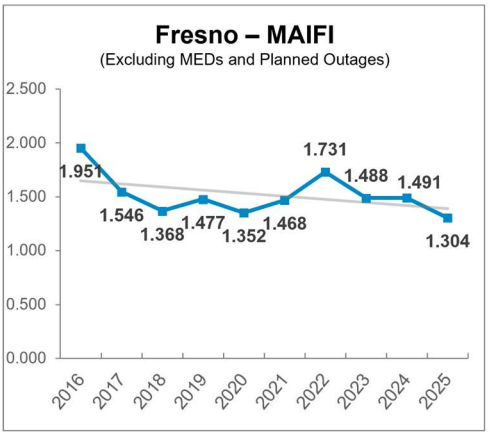

East Bay – AIFI
(Excluding MEDs and Planned Outages)
1.050
0.903
0.901
0.854
0.838
1.250
1.158
1.000
1.108
0.962

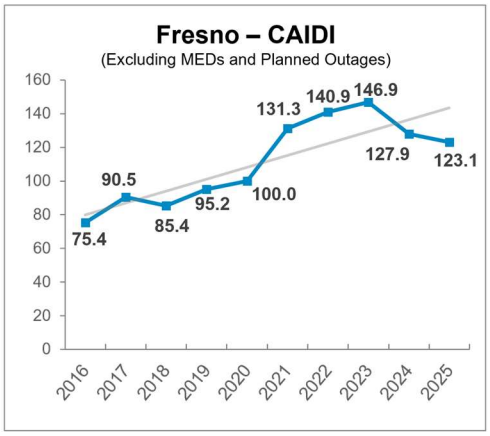

East Bay – MAIFI
(Excluding MEDs and Planned Outages)
1.079
1.528
1.080
0.956
1.453
1.368
1.661
0.782
0.875
1.011

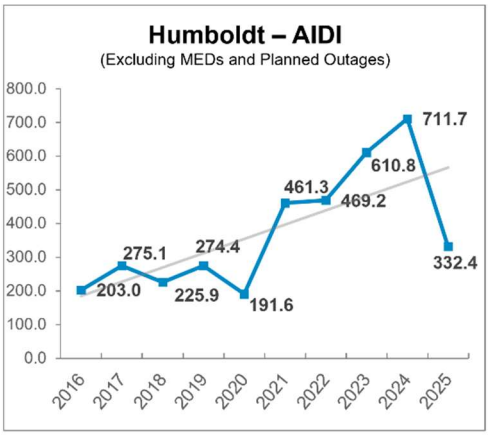

East Bay – CAIDI
(Excluding MEDs and Planned Outages)
96.6
81.7
87.5
99.0
114.0
123.4
127.3
110.7
121.3
109.0

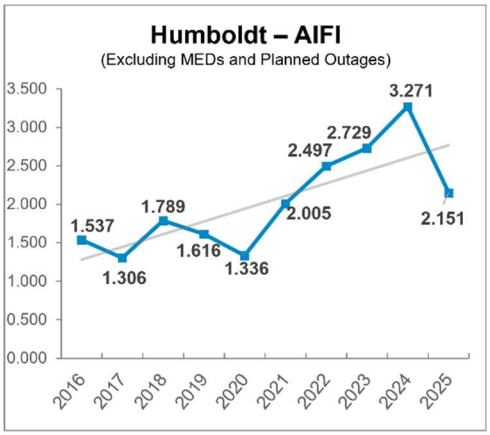

Fresno – AIDI
(Excluding MEDs and Planned Outages)
83.4
72.3
73.5
78.8
86.5
142.0
175.3
173.0
190.0
147.8

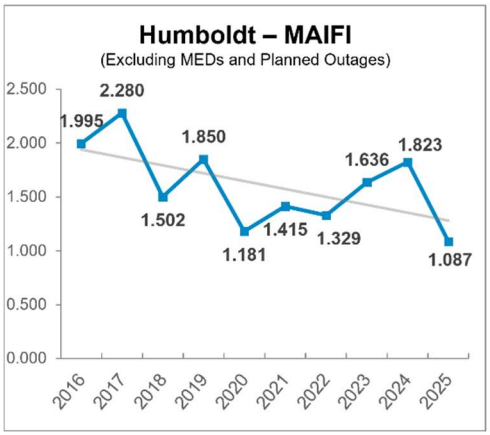

Fresno – AIFI
(Excluding MEDs and Planned Outages)
1.105
0.799
0.861
0.828
0.865
1.081
1.244
1.178
1.486
1.201

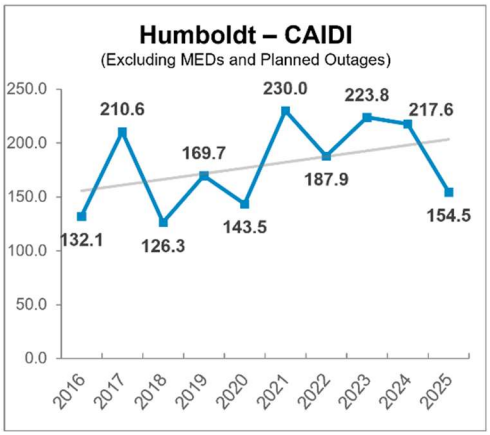

Fresno – MAIFI
(Excluding MEDs and Planned Outages)
1.951
1.546
1.368
1.477
1.352
1.468
1.731
1.488
1.491
1.304

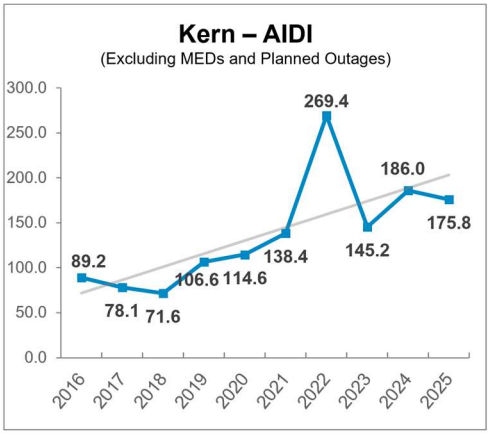

Fresno – CAIDI
(Excluding MEDs and Planned Outages)
75.4
90.5
85.4
95.2
100.0
131.3
140.9
146.9
127.9
123.1

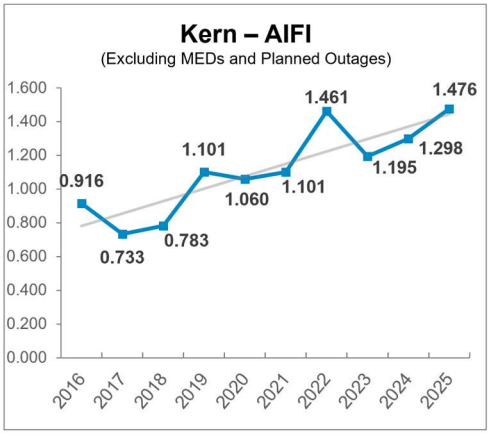

Humboldt – AIDI
(Excluding MEDs and Planned Outages)
800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
203.0
275.1
225.9
274.4
191.6
461.3
469.2
610.8
711.7
332.4
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

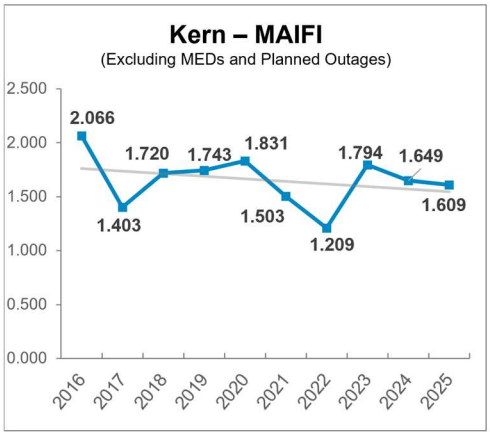

Humboldt – AIFI
(Excluding MEDs and Planned Outages)
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
1.537
1.306
1.789
1.616
1.336
2.005
2.497
2.729
3.271
2.151
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

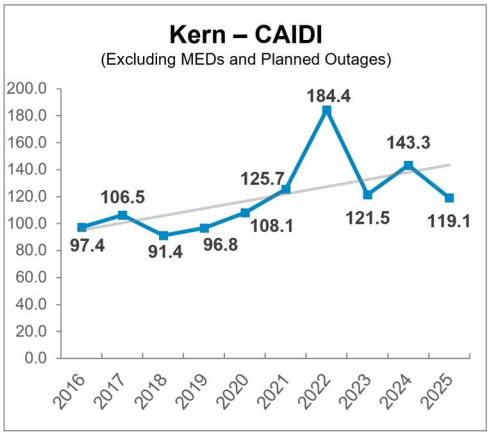

Humboldt – MAIFI
(Excluding MEDs and Planned Outages)
2.500
2.000
1.500
1.000
0.500
0.000
1.995
2.280
1.502
1.850
1.181
1.415
1.329
1.636
1.823
1.087
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

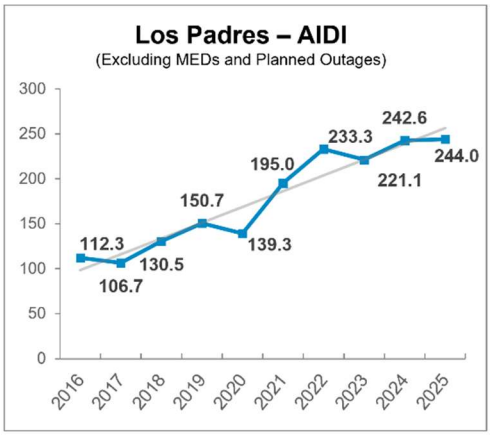

Humboldt – CAIDI
(Excluding MEDs and Planned Outages)
250.0
200.0
150.0
100.0
50.0
0.0
132.1
210.6
126.3
169.7
143.5
230.0
187.9
223.8
217.6
154.5
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

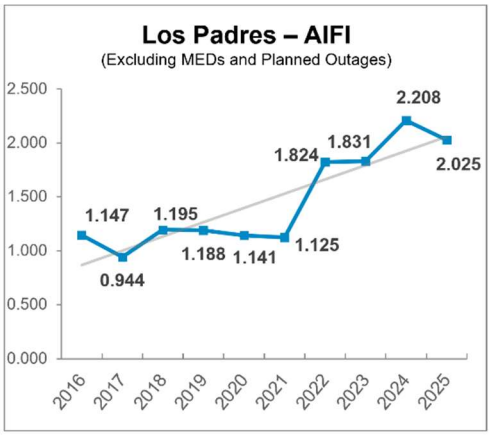

Kern – AIDI
(Excluding MEDs and Planned Outages)
300.0
250.0
200.0
150.0
100.0
50.0
0.0
89.2
78.1
71.6
106.6
114.6
138.4
269.4
145.2
186.0
175.8
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

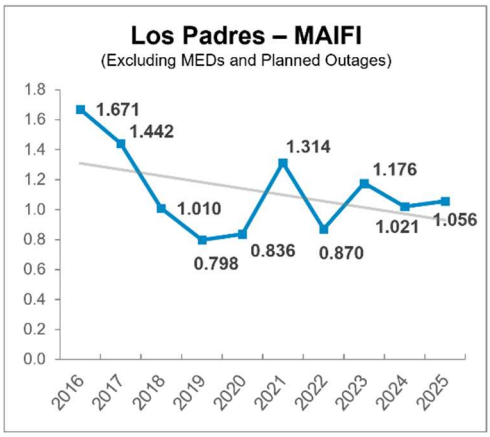

Kern – AIFI
(Excluding MEDs and Planned Outages)
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
0.916
0.733
0.783
1.101
1.060
1.101
1.461
1.195
1.298
1.476
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

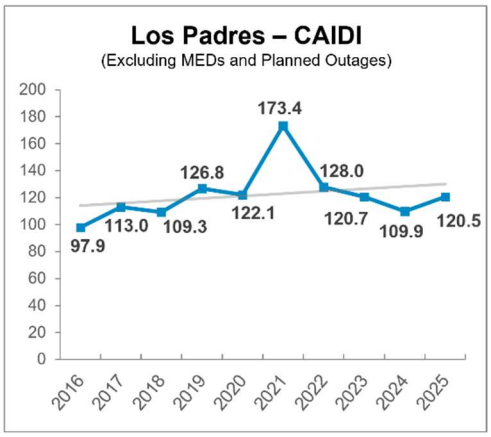

Kern – MAIFI
(Excluding MEDs and Planned Outages)
2.500
2.000
1.500
1.000
0.500
0.000
2.066
1.403
1.720
1.743
1.831
1.503
1.209
1.794
1.649
1.609
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

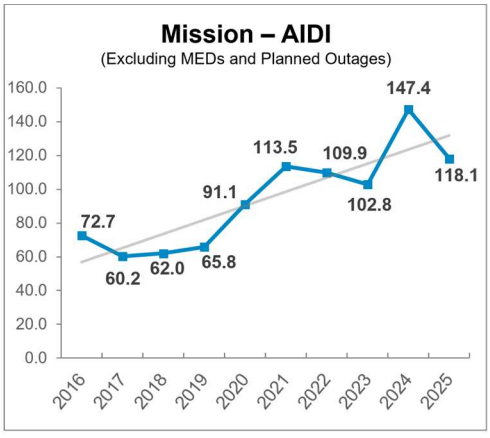

Kern – CAIDI
(Excluding MEDs and Planned Outages)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
97.4
106.5
91.4
96.8
108.1
125.7
184.4
121.5
143.3
119.1
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

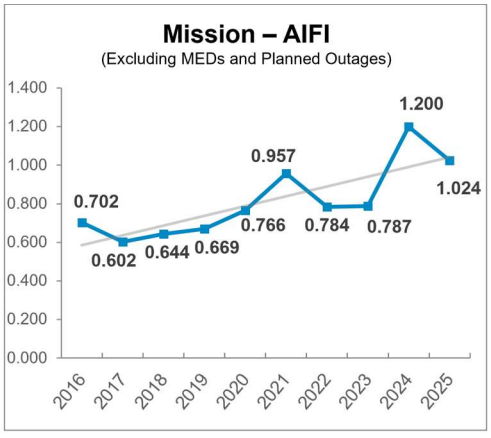

Los Padres – AIDI
(Excluding MEDs and Planned Outages)
112.3
106.7
130.5
150.7
139.3
195.0
233.3
221.1
242.6
244.0

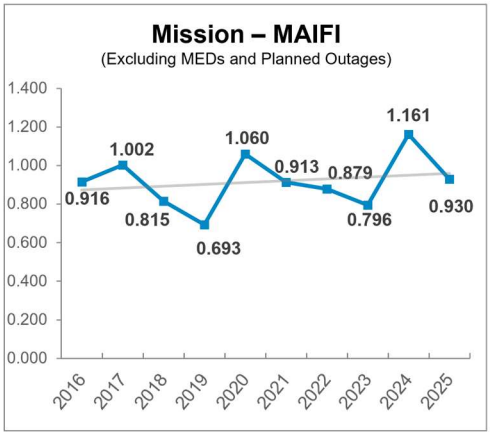

Los Padres – AIFI
(Excluding MEDs and Planned Outages)
1.147
0.944
1.195
1.188
1.141
1.125
1.824
1.831
2.208
2.025

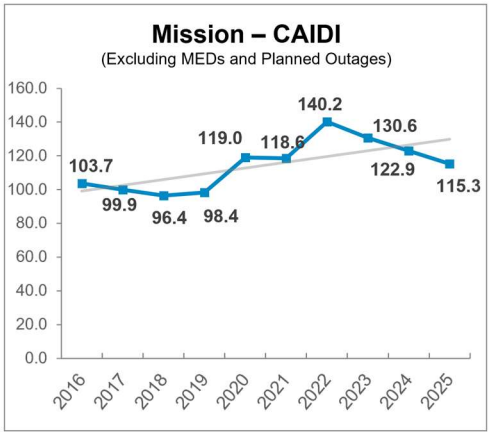

Los Padres – MAIFI
(Excluding MEDs and Planned Outages)
1.671
1.442
1.010
0.798
0.836
1.314
0.870
1.176
1.021
1.056

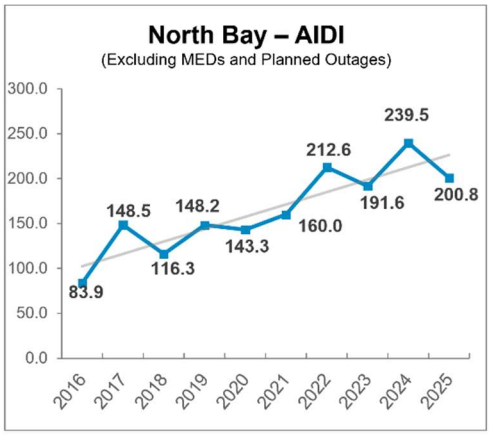

Los Padres – CAIDI
(Excluding MEDs and Planned Outages)
97.9
113.0
109.3
126.8
122.1
173.4
128.0
120.7
109.9
120.5

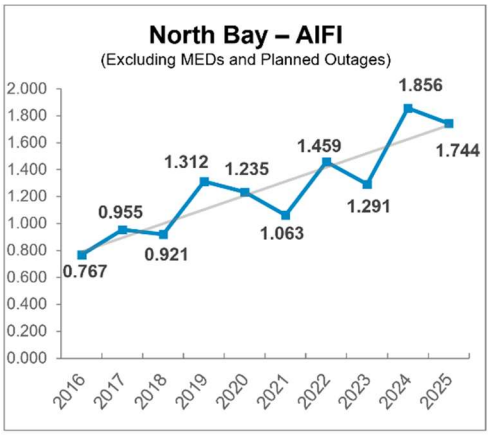

Mission – AIDI
(Excluding MEDs and Planned Outages)
72.7
60.2
62.0
65.8
91.1
113.5
109.9
102.8
147.4
118.1

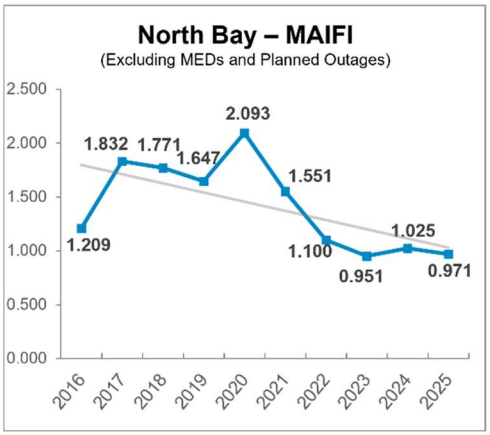

Mission – AIFI
(Excluding MEDs and Planned Outages)
0.702
0.602
0.644
0.669
0.766
0.957
0.784
0.787
1.200
1.024

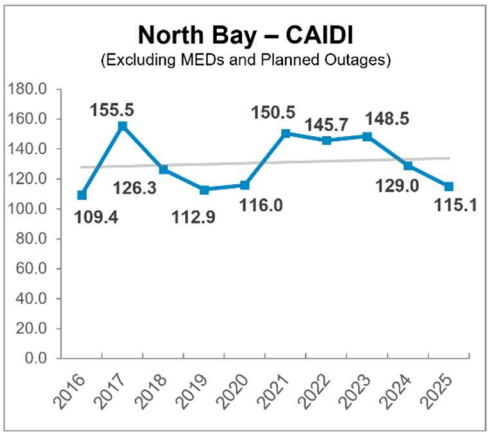

Mission – MAIFI
(Excluding MEDs and Planned Outages)
0.916
1.002
0.815
0.693
1.060
0.913
0.879
0.796
1.161
0.930

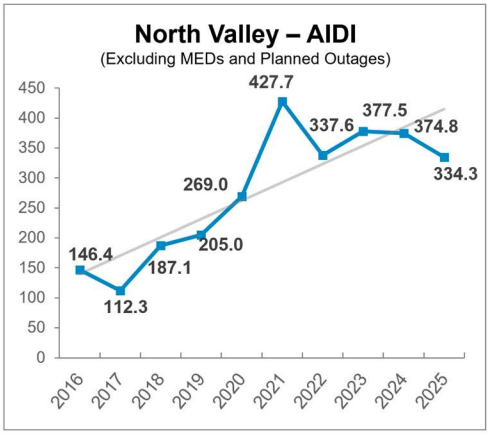

Mission – CAIDI
(Excluding MEDs and Planned Outages)
103.7
99.9
96.4
98.4
119.0
118.6
140.2
122.9
130.6
115.3

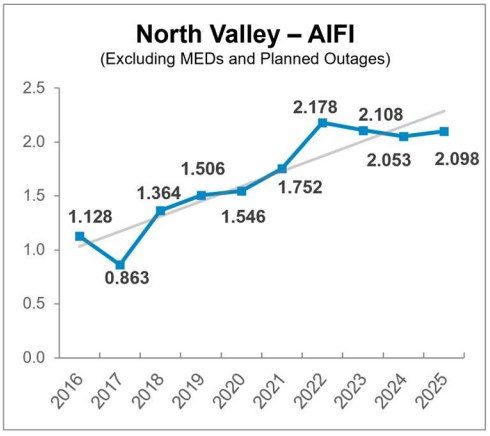

North Bay – AIDI
(Excluding MEDs and Planned Outages)
300.0
250.0
200.0
150.0
100.0
50.0
0.0
83.9
148.5
116.3
148.2
143.3
160.0
212.6
191.6
239.5
200.8
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

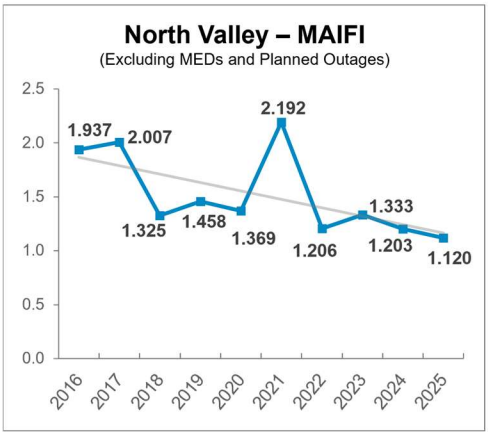

North Bay – AIFI
(Excluding MEDs and Planned Outages)
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
0.767
0.955
0.921
1.312
1.235
1.063
1.459
1.291
1.856
1.744
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

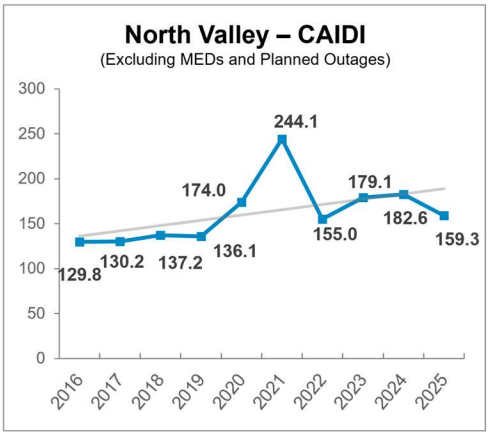

North Bay – MAIFI
(Excluding MEDs and Planned Outages)
2.500
2.000
1.500
1.000
0.500
0.000
1.209
1.832
1.771
1.647
2.093
1.551
1.100
0.951
1.025
0.971
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

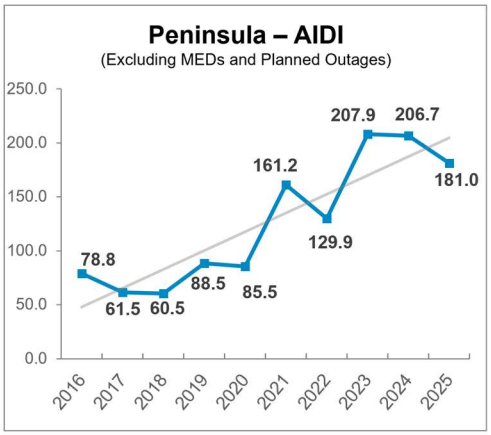

North Bay – CAIDI
(Excluding MEDs and Planned Outages)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
109.4
155.5
126.3
112.9
150.5
116.0
145.7
148.5
129.0
115.1
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

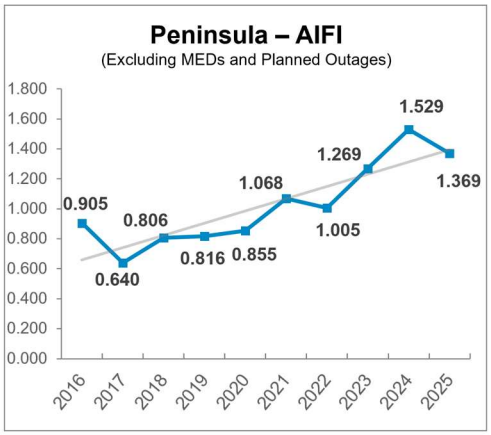

North Valley – AIDI
(Excluding MEDs and Planned Outages)
450
400
350
300
250
200
150
100
50
0
146.4
112.3
187.1
205.0
269.0
427.7
337.6
377.5
374.8
334.3
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

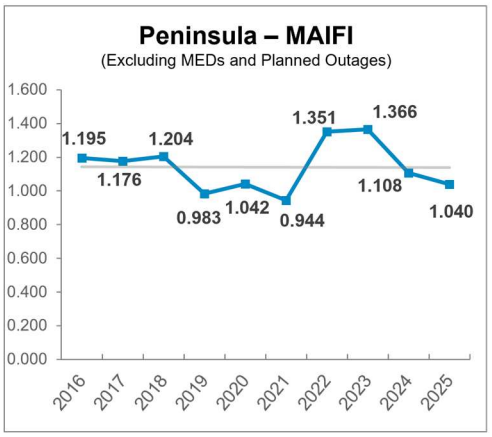

North Valley – AIFI
(Excluding MEDs and Planned Outages)
2.5
2.0
1.5
1.0
0.5
0.0
1.128
0.863
1.364
1.506
1.546
1.752
2.178
2.053
2.108
2.098
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

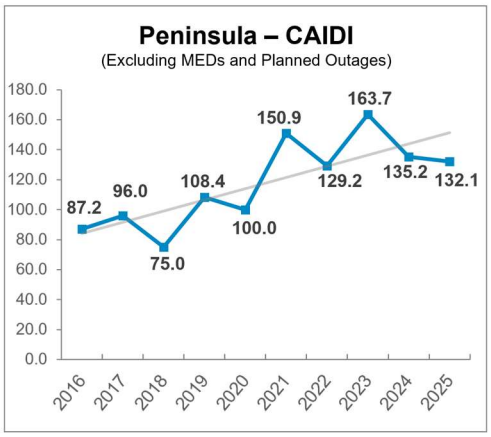

North Valley – MAIFI
(Excluding MEDs and Planned Outages)
2.5
2.0
1.5
1.0
0.5
0.0
1.937
2.007
1.325
1.458
1.369
2.192
1.206
1.333
1.203
1.120
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

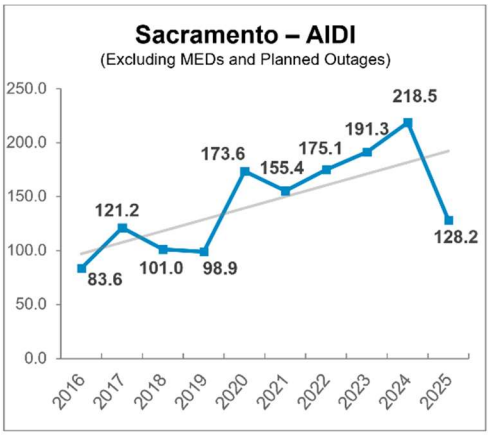

North Valley – CAIDI
(Excluding MEDs and Planned Outages)
300
250
200
150
100
50
0
129.8
130.2
137.2
174.0
136.1
244.1
155.0
179.1
182.6
159.3
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

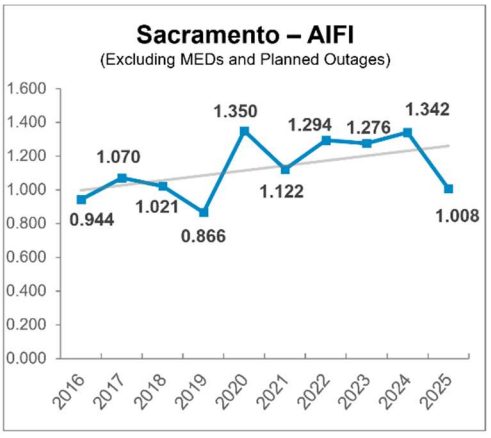

Peninsula – AIDI
(Excluding MEDs and Planned Outages)
78.8
61.5
60.5
88.5
85.5
161.2
129.9
207.9
206.7
181.0

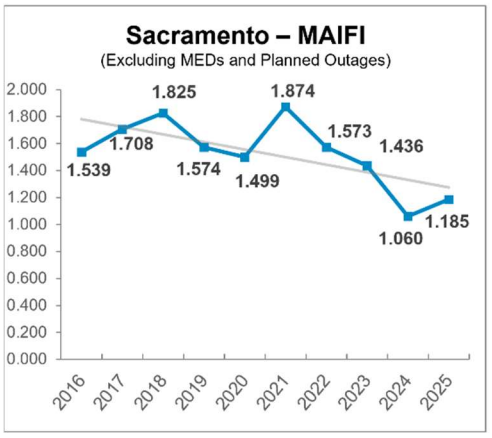

Peninsula – AIFI
(Excluding MEDs and Planned Outages)
0.905
0.640
0.806
0.816
0.855
1.068
1.005
1.269
1.529
1.369

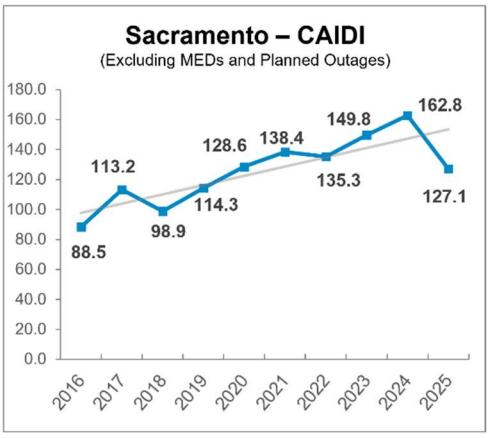

Peninsula – MAIFI
(Excluding MEDs and Planned Outages)
1.195
1.176
1.204
0.983
1.042
0.944
1.351
1.366
1.108
1.040

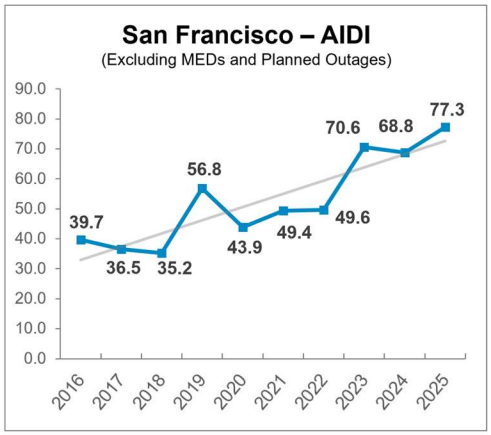

Peninsula – CAIDI
(Excluding MEDs and Planned Outages)
87.2
96.0
75.0
108.4
100.0
150.9
129.2
163.7
135.2
132.1

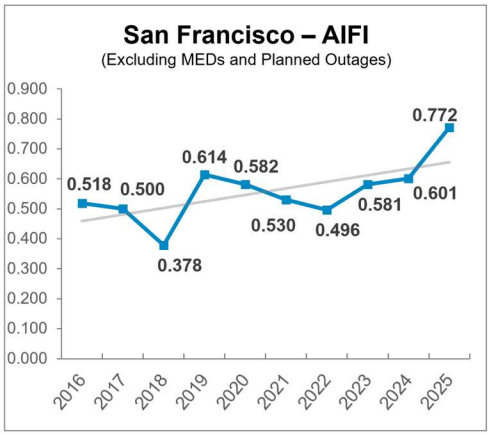

Sacramento – AIDI
(Excluding MEDs and Planned Outages)
83.6
121.2
101.0
98.9
173.6
155.4
175.1
191.3
218.5
128.2

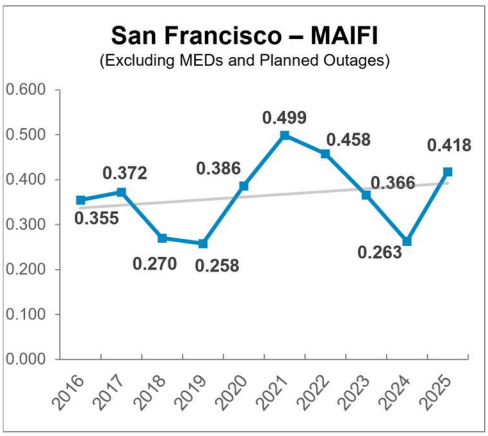

Sacramento – AIFI
(Excluding MEDs and Planned Outages)
0.944
1.070
1.021
0.866
1.350
1.122
1.294
1.276
1.342
1.008

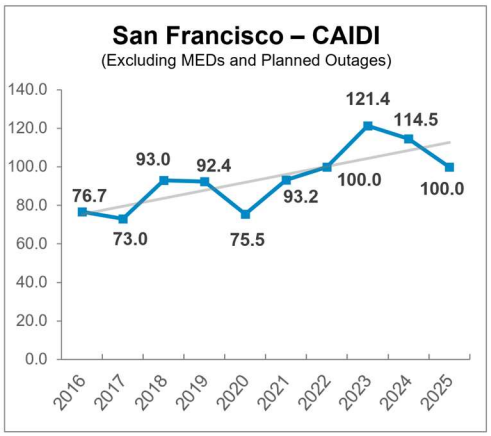

Sacramento – MAIFI
(Excluding MEDs and Planned Outages)
1.539
1.708
1.825
1.574
1.499
1.874
1.573
1.436
1.060
1.185

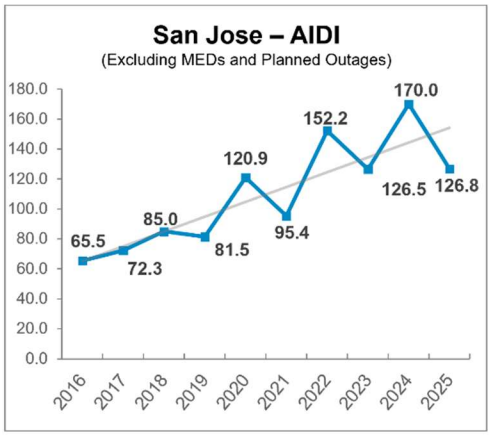

Sacramento – CAIDI
(Excluding MEDs and Planned Outages)
88.5
113.2
98.9
114.3
128.6
138.4
135.3
149.8
162.8
127.1

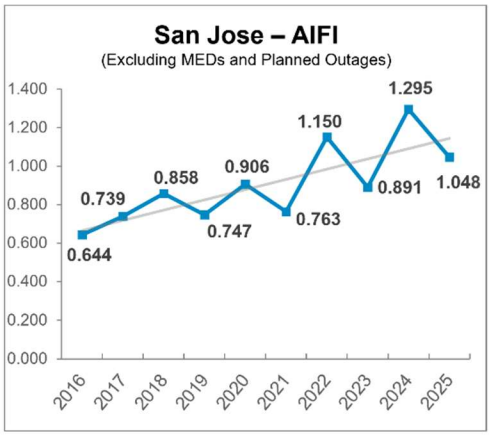

San Francisco – AIDI
(Excluding MEDs and Planned Outages)
39.7
36.5
35.2
56.8
43.9
49.4
49.6
70.6
68.8
77.3

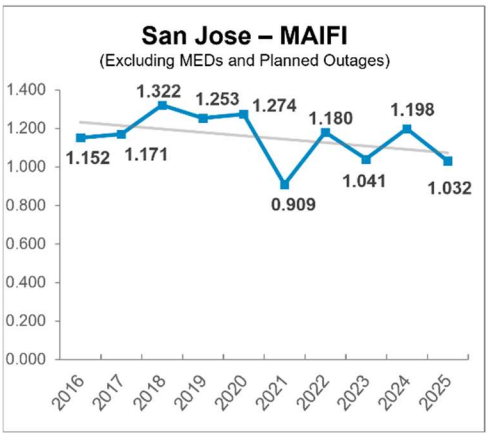

San Francisco – AIFI
(Excluding MEDs and Planned Outages)
0.518
0.500
0.378
0.614
0.582
0.530
0.496
0.581
0.601
0.772

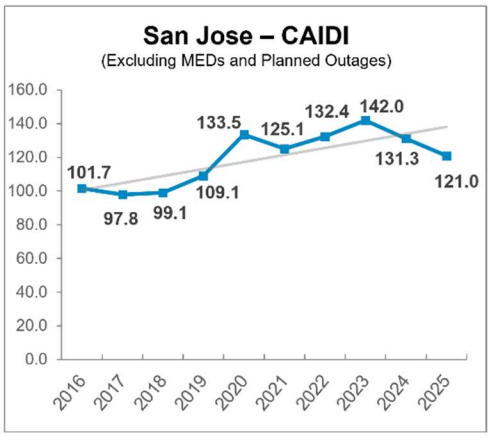

San Francisco – MAIFI
(Excluding MEDs and Planned Outages)
0.355
0.372
0.270
0.258
0.386
0.499
0.458
0.366
0.263
0.418

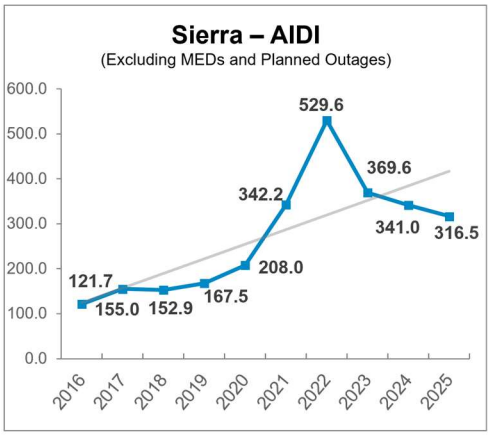

San Francisco – CAIDI
(Excluding MEDs and Planned Outages)
76.7
73.0
93.0
92.4
75.5
93.2
100.0
121.4
114.5
100.0

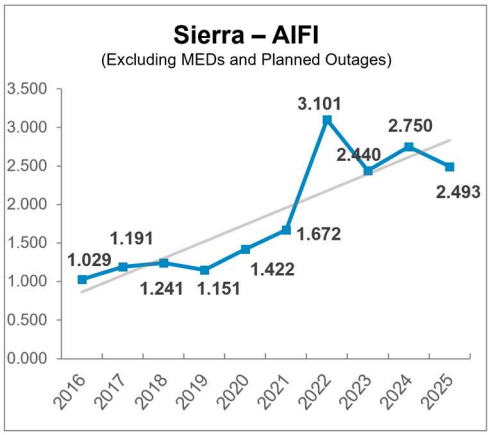

San Jose – AIDI
(Excluding MEDs and Planned Outages)
65.5
72.3
85.0
81.5
120.9
95.4
152.2
126.5
170.0
126.8

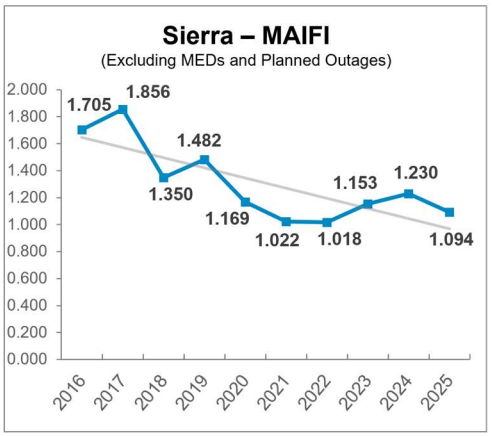

San Jose – AIFI
(Excluding MEDs and Planned Outages)
0.644
0.739
0.858
0.747
0.906
0.763
1.150
0.891
1.295
1.048

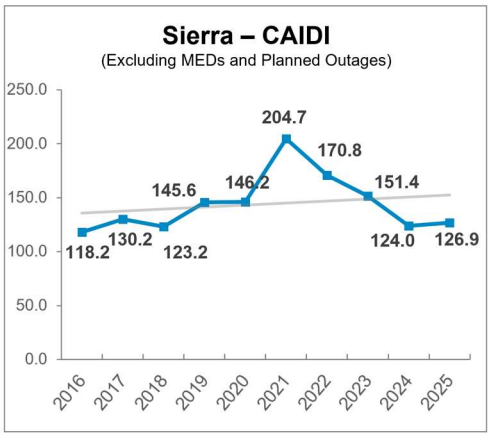

San Jose – MAIFI
(Excluding MEDs and Planned Outages)
1.152
1.171
1.322
1.253
1.274
0.909
1.180
1.041
1.198
1.032

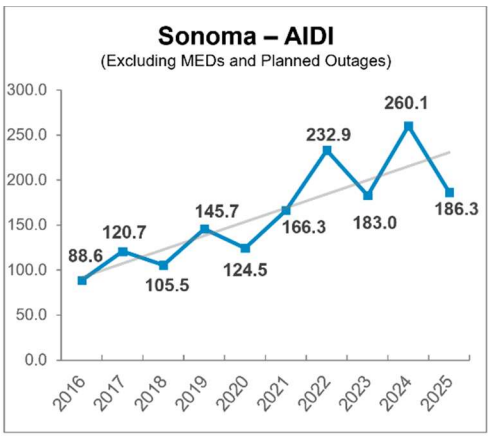

San Jose – CAIDI
(Excluding MEDs and Planned Outages)
101.7
97.8
99.1
109.1
133.5
125.1
132.4
142.0
131.3
121.0

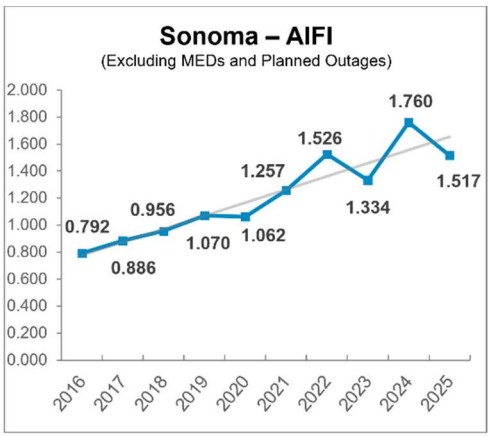

Sierra – AIDI
(Excluding MEDs and Planned Outages)
121.7
155.0
152.9
167.5
208.0
342.2
529.6
369.6
341.0
316.5

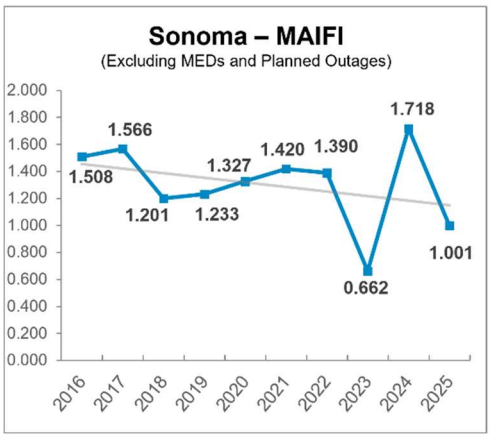

Sierra – AIFI
(Excluding MEDs and Planned Outages)
1.029
1.191
1.241
1.151
1.422
1.672
3.101
2.440
2.750
2.493

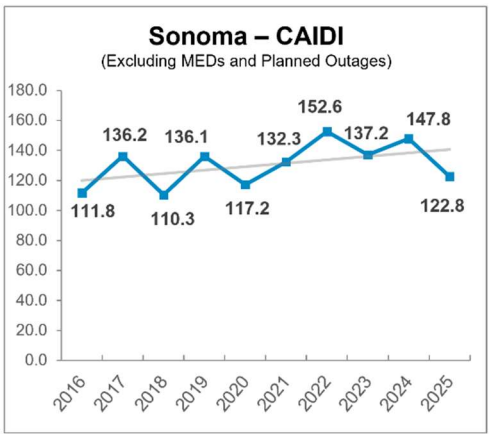

Sierra – MAIFI
(Excluding MEDs and Planned Outages)
1.705
1.856
1.350
1.482
1.169
1.022
1.018
1.153
1.230
1.094

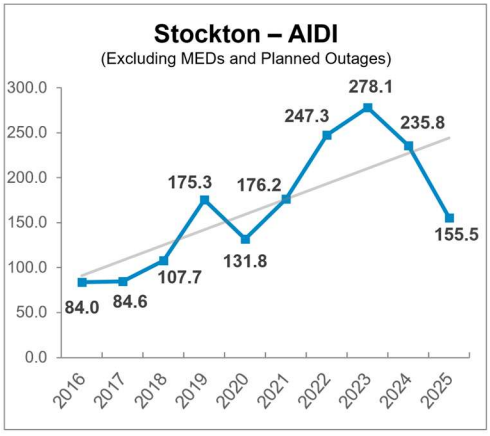

Sierra – CAIDI
(Excluding MEDs and Planned Outages)
118.2
130.2
123.2
145.6
146.2
204.7
170.8
151.4
124.0
126.9

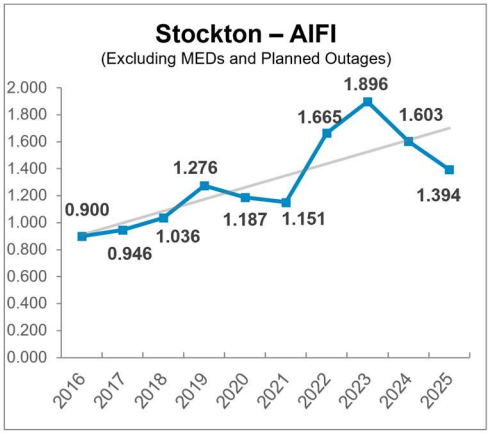

Sonoma – AIDI
(Excluding MEDs and Planned Outages)
88.6
120.7
105.5
145.7
124.5
166.3
232.9
183.0
260.1
186.3

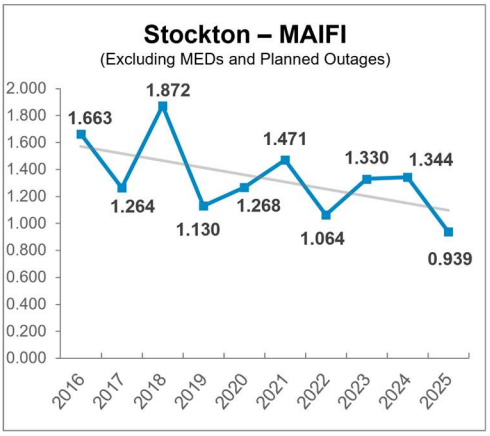

Sonoma – AIFI
(Excluding MEDs and Planned Outages)
0.792
0.886
0.956
1.070
1.062
1.257
1.526
1.334
1.760
1.517

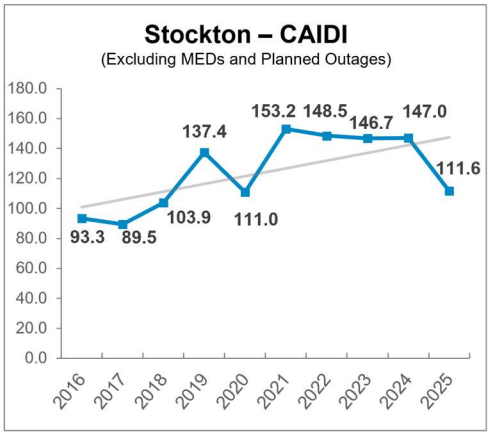

Sonoma – MAIFI
(Excluding MEDs and Planned Outages)
1.508
1.566
1.201
1.233
1.327
1.420
1.390
0.662
1.718
1.001

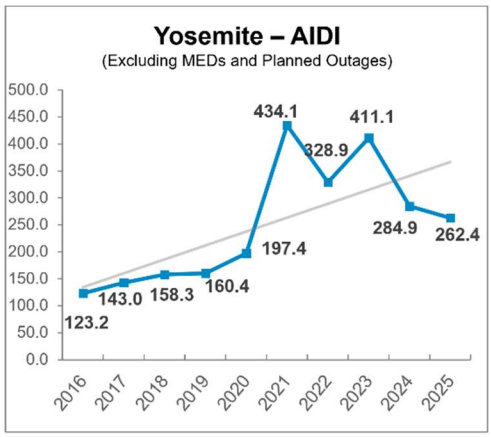

Sonoma – CAIDI
(Excluding MEDs and Planned Outages)
111.8
136.2
110.3
136.1
117.2
132.3
152.6
137.2
147.8
122.8

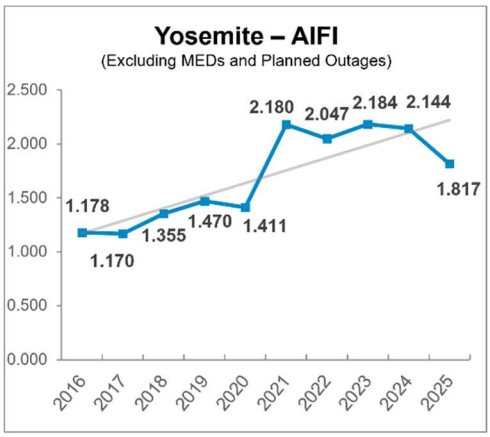

Stockton – AIDI
(Excluding MEDs and Planned Outages)
84.0
84.6
107.7
175.3
131.8
176.2
247.3
278.1
235.8
155.5

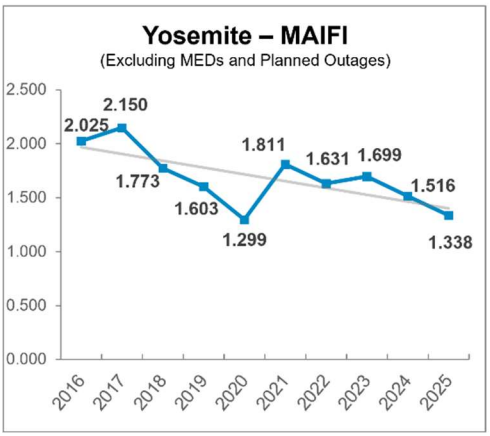

Stockton – AIFI
(Excluding MEDs and Planned Outages)
0.900
0.946
1.036
1.276
1.187
1.151
1.665
1.896
1.603
1.394

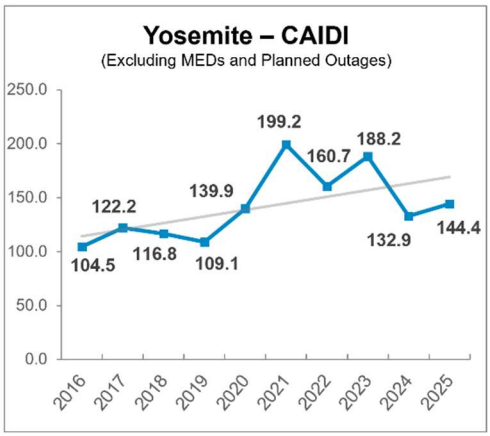

Stockton – MAIFI
(Excluding MEDs and Planned Outages)
1.663
1.264
1.872
1.130
1.268
1.471
1.064
1.330
1.344
0.939


Stockton – CAIDI
(Excluding MEDs and Planned Outages)
93.3
89.5
103.9
137.4
111.0
153.2
148.5
146.7
147.0
111.6


Yosemite – AIDI
(Excluding MEDs and Planned Outages)
123.2
143.0
158.3
160.4
197.4
434.1
328.9
411.1
284.9
262.4


Yosemite – AIFI
(Excluding MEDs and Planned Outages)
1.178
1.170
1.355
1.470
1.411
2.180
2.047
2.184
2.144
1.817


Yosemite – MAIFI
(Excluding MEDs and Planned Outages)
2.025
2.150
1.773
1.603
1.299
1.811
1.631
1.699
1.516
1.338


Yosemite – CAIDI
(Excluding MEDs and Planned Outages)
104.5
122.2
116.8
109.1
139.9
199.2
160.7
188.2
132.9
144.4

c. Division and System Reliability Indices Performance Variances (Five-Year Average)

This section contains additional division reliability information, as required by D.04-10-034 and D.16-01-008, Appendix B, footnote six. This section explains threshold variations (unplanned outages only) in division and/or system reliability indices relative to the five-year rolling averages (excluding major events in D.96-09-045 which was further defined as MED per the IEEE 1366 methodology in D.16-01-008). This section also highlights the large outage events in each division that exceeded the reporting threshold.

Table 6 summarizes the 2025 division and system indices that meet the reporting thresholds established by D.04-10-034: 10 percent or more above the five-year rolling average at the division level and five percent or more above the five-year rolling average at the system level. An "X" indicates that the applicable 2025 division or system index exceeded its respective threshold and is therefore discussed in detail in this section.

Table 6 – Summary of Required Investigation and Reporting based on 2025 Reliability Indices that Exceed the Performance Thresholds
(Excluding Major Events and Planned Outages)

Division	SAIDI	SAIFI	MAIFI	CAIDI
System		X		
Central Coast	X	X		
De Anza				
Diablo				
East Bay				
Fresno				
Humboldt				
Kern		X		
Los Padres	X	X		
Mission		X		
North Bay		X		
North Valley				
Peninsula	X	X		
Sacramento				
San Francisco	X	X		
San Jose				
Sierra				
Sonoma				
Stockton				
Yosemite				

Table 7: Division and System Reliability Indices 2025 Performance Variances (Excluding MEDs)

Division	Year	SAIDI	SAIFI	MAIFI	CAIDI
SYSTEM	2020	125.8	1.068	1.292	117.8
SYSTEM	2021	182.8	1.178	1.317	155.2
SYSTEM	2022	213.5	1.470	1.309	145.2
SYSTEM	2023	213.9	1.402	1.207	152.6
SYSTEM	2024	226.7	1.637	1.301	138.5
5-Year Average	20-24 Avg	192.5	1.351	1.285	142.5
SYSTEM	2025	181.1	1.428	1.093	126.8
	%Difference	-5.9%	5.7%	-14.9%	-11.0%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
CENTRAL COAST	2020	159.1	1.724	1.600	92.3
CENTRAL COAST	2021	289.2	1.643	1.906	176.0
CENTRAL COAST	2022	377.6	2.657	2.868	142.1
CENTRAL COAST	2023	413.0	2.465	2.158	167.6
CENTRAL COAST	2024	374.7	2.471	1.895	151.6
5-Year Average	20-24 Avg	322.7	2.192	2.085	147.2
CENTRAL COAST	2025	362.6	2.478	1.775	146.3
	%Difference	12.4%	13.0%	-14.9%	-0.6%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
DE ANZA	2020	83.1	0.711	1.213	117.0
DE ANZA	2021	121.0	0.787	0.987	153.8
DE ANZA	2022	120.8	1.004	1.065	120.3
DE ANZA	2023	173.3	1.002	1.469	173.0
DE ANZA	2024	211.3	1.580	1.416	133.7
5-Year Average	20-24 Avg	141.9	1.017	1.230	139.6
DE ANZA	2025	134.6	0.932	0.769	144.4
	%Difference	-5.1%	-8.4%	-37.5%	3.4%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
DIABLO	2020	110.8	1.206	1.621	91.9
DIABLO	2021	112.0	1.177	1.352	95.2
DIABLO	2022	179.2	1.566	1.295	114.4
DIABLO	2023	183.9	1.384	1.080	132.9
DIABLO	2024	198.4	1.919	1.590	103.4
5-Year Average	20-24 Avg	156.9	1.450	1.388	108.1
DIABLO	2025	125.8	1.227	1.317	102.5
	%Difference	-19.8%	-15.4%	-5.1%	-5.2%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
EAST BAY	2020	95.5	0.838	1.453	114.0
EAST BAY	2021	154.2	1.250	1.368	123.4
EAST BAY	2022	147.4	1.158	1.661	127.3
EAST BAY	2023	110.7	1.000	0.782	110.7
EAST BAY	2024	134.4	1.108	0.875	121.3
5-Year Average	20-24 Avg	128.4	1.071	1.228	119.9
EAST BAY	2025	104.9	0.962	1.011	109.0
	%Difference	-18.3%	-10.2%	-17.7%	-9.1%

Division	Year	AIDI	AIFI	MAIFI	CAIDI
FRESNO	2020	86.5	0.865	1.352	100.0
FRESNO	2021	142.0	1.081	1.468	131.3
FRESNO	2022	175.3	1.244	1.731	140.9
FRESNO	2023	173.0	1.178	1.488	146.9
FRESNO	2024	190.0	1.486	1.491	127.9
5-Year Average	20-24 Avg	153.4	1.171	1.506	131.0
FRESNO	2025	147.8	1.201	1.304	123.1
	%Difference	-3.7%	2.6%	-13.4%	-6.0%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
HUMBOLDT	2020	191.6	1.336	1.181	143.5
HUMBOLDT	2021	461.3	2.005	1.415	230.0
HUMBOLDT	2022	469.2	2.497	1.329	187.9
HUMBOLDT	2023	610.8	2.729	1.636	223.8
HUMBOLDT	2024	711.7	3.271	1.823	217.6
5-Year Average	20-24 Avg	488.9	2.368	1.477	206.5
HUMBOLDT	2025	332.4	2.151	1.087	154.5
	%Difference	-32.0%	-9.2%	-26.4%	-25.2%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
KERN	2020	114.6	1.060	1.831	108.1
KERN	2021	138.4	1.101	1.503	125.7
KERN	2022	269.4	1.461	1.209	184.4
KERN	2023	145.2	1.195	1.794	121.5
KERN	2024	186.0	1.298	1.649	143.3
5-Year Average	20-24 Avg	170.7	1.223	1.597	139.6
KERN	2025	175.8	1.476	1.609	119.1
	%Difference	3.0%	20.7%	0.8%	-14.7%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
LOS PADRES	2020	139.3	1.141	0.836	122.1
LOS PADRES	2021	195.0	1.125	1.314	173.4
LOS PADRES	2022	233.3	1.824	0.870	128.0
LOS PADRES	2023	221.1	1.831	1.176	120.7
LOS PADRES	2024	242.6	2.208	1.021	109.9
5-Year Average	20-24 Avg	206.3	1.626	1.043	126.9
LOS PADRES	2025	244.0	2.025	1.056	120.5
	%Difference	18.3%	24.5%	1.2%	-5.0%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
MISSION	2020	91.1	0.766	1.060	119.0
MISSION	2021	113.5	0.957	0.913	118.6
MISSION	2022	109.9	0.784	0.879	140.2
MISSION	2023	102.8	0.787	0.796	130.6
MISSION	2024	147.4	1.200	1.161	122.9
5-Year Average	20-24 Avg	112.9	0.899	0.962	125.7
MISSION	2025	118.1	1.024	0.930	115.3
	%Difference	4.6%	13.9%	-3.3%	-8.3%

Division	Year	AIDI	AIFI	MAIFI	CAIDI
NORTH BAY	2020	143.3	1.235	2.093	116.0
NORTH BAY	2021	160.0	1.063	1.551	150.5
NORTH BAY	2022	212.6	1.459	1.100	145.7
NORTH BAY	2023	191.6	1.291	0.951	148.5
NORTH BAY	2024	239.5	1.856	1.025	129.0
5-Year Average	20-24 Avg	189.4	1.381	1.344	137.2
NORTH BAY	2025	200.8	1.744	0.971	115.1
	%Difference	6.0%	26.3%	-27.8%	-16.1%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
NORTH VALLEY	2020	269.0	1.546	1.369	174.0
NORTH VALLEY	2021	427.7	1.752	2.192	244.1
NORTH VALLEY	2022	337.6	2.178	1.206	155.0
NORTH VALLEY	2023	377.5	2.108	1.333	179.1
NORTH VALLEY	2024	374.8	2.053	1.203	182.6
5-Year Average	20-24 Avg	357.3	1.927	1.461	185.4
NORTH VALLEY	2025	334.3	2.098	1.120	159.3
	%Difference	-6.4%	8.9%	-23.3%	-14.1%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
PENINSULA	2020	85.5	0.855	1.042	100.0
PENINSULA	2021	161.2	1.068	0.944	150.9
PENINSULA	2022	129.9	1.005	1.351	129.2
PENINSULA	2023	207.9	1.269	1.366	163.7
PENINSULA	2024	206.7	1.529	1.108	135.2
5-Year Average	20-24 Avg	158.2	1.145	1.162	138.2
PENINSULA	2025	181.0	1.369	1.040	132.1
	%Difference	14.4%	19.6%	-10.5%	-4.4%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SACRAMENTO	2020	173.6	1.350	1.499	128.6
SACRAMENTO	2021	155.4	1.122	1.874	138.4
SACRAMENTO	2022	175.1	1.294	1.573	135.3
SACRAMENTO	2023	191.3	1.276	1.436	149.8
SACRAMENTO	2024	218.5	1.342	1.060	162.8
5-Year Average	20-24 Avg	182.8	1.277	1.488	143.2
SACRAMENTO	2025	128.2	1.008	1.185	127.1
	%Difference	-29.9%	-21.1%	-20.4%	-11.2%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SAN FRANCISCO	2020	43.9	0.582	0.386	75.5
SAN FRANCISCO	2021	49.4	0.530	0.499	93.2
SAN FRANCISCO	2022	49.6	0.496	0.458	100.0
SAN FRANCISCO	2023	70.6	0.581	0.366	121.4
SAN FRANCISCO	2024	68.8	0.601	0.263	114.5
5-Year Average	20-24 Avg	56.5	0.558	0.394	101.2
SAN FRANCISCO	2025	77.3	0.772	0.418	100.0
	%Difference	36.8%	38.4%	6.1%	-1.2%

Division	Year	AIDI	AIFI	MAIFI	CAIDI
SAN JOSE	2020	120.9	0.906	1.274	133.5
SAN JOSE	2021	95.4	0.763	0.909	125.1
SAN JOSE	2022	152.2	1.150	1.180	132.4
SAN JOSE	2023	126.5	0.891	1.041	142.0
SAN JOSE	2024	170.0	1.295	1.198	131.3
5-Year Average	20-24 Avg	133.0	1.001	1.120	132.9
SAN JOSE	2025	126.8	1.048	1.032	121.0
	%Difference	-4.7%	4.7%	-7.9%	-9.0%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SIERRA	2020	208.0	1.422	1.169	146.2
SIERRA	2021	342.2	1.672	1.022	204.7
SIERRA	2022	529.6	3.101	1.018	170.8
SIERRA	2023	369.6	2.440	1.153	151.4
SIERRA	2024	341.0	2.750	1.230	124.0
5-Year Average	20-24 Avg	358.1	2.277	1.118	157.3
SIERRA	2025	316.5	2.493	1.094	126.9
	%Difference	-11.6%	9.5%	-2.1%	-19.3%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SONOMA	2020	124.5	1.062	1.327	117.2
SONOMA	2021	166.3	1.257	1.420	132.3
SONOMA	2022	232.9	1.526	1.390	152.6
SONOMA	2023	183.0	1.334	0.662	137.2
SONOMA	2024	260.1	1.760	1.718	147.8
5-Year Average	20-24 Avg	193.4	1.388	1.303	139.3
SONOMA	2025	186.3	1.517	1.001	122.8
	%Difference	-3.7%	9.3%	-23.2%	-11.8%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
STOCKTON	2020	131.8	1.187	1.268	111.0
STOCKTON	2021	176.2	1.151	1.471	153.2
STOCKTON	2022	247.3	1.665	1.064	148.5
STOCKTON	2023	278.1	1.896	1.330	146.7
STOCKTON	2024	235.8	1.603	1.344	147.0
5-Year Average	20-24 Avg	213.8	1.500	1.295	142.5
STOCKTON	2025	155.5	1.394	0.939	111.6
	%Difference	-27.3%	-7.1%	-27.5%	-21.7%
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
YOSEMITE	2020	197.4	1.411	1.299	139.9
YOSEMITE	2021	434.1	2.180	1.811	199.2
YOSEMITE	2022	328.9	2.047	1.631	160.7
YOSEMITE	2023	411.1	2.184	1.699	188.2
YOSEMITE	2024	284.9	2.144	1.516	132.9
5-Year Average	20-24 Avg	331.3	1.993	1.591	166.2
YOSEMITE	2025	262.4	1.817	1.338	144.4
	%Difference	-20.8%	-8.8%	-15.9%	-13.1%

i. System and Division Performance Assessment

a. System Performance Assessment

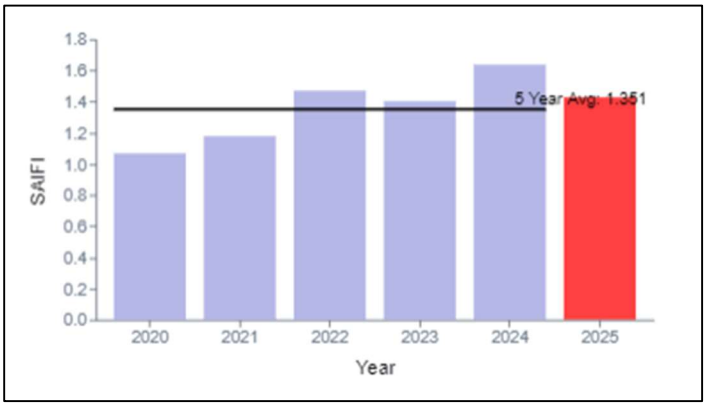
Table 8: System Performance

Division	Year	SAIDI	SAIFI	MAIFI	CAIDI
SYSTEM	2020	125.8	1.068	1.292	117.8
SYSTEM	2021	182.8	1.178	1.317	155.2
SYSTEM	2022	213.5	1.470	1.309	145.2
SYSTEM	2023	213.9	1.402	1.207	152.6
SYSTEM	2024	226.7	1.637	1.301	138.5
5-Year Average	20-24 Avg	192.5	1.351	1.285	142.5
SYSTEM	2025	181.1	1.428	1.093	126.8
	%Difference	-5.9%	5.7%	-14.9%	-11.0%

System SAIFI Performance

The system's 2025 SAIFI performance of 1.428 was 0.077 customer interruptions (or 5.7%) higher than the five-year rolling average of 1.351 as shown in the table above and illustrated in the figure below.

Chart 4– System SAIFI Performance
(Excluding Planned Outages and MEDs)



The higher-than-average 2025 system SAIFI is attributed to the following:

1. On January 16, a battery charger failed at Bay Meadows Substation required a force-out of the San Mateo-Bay Meadows #1 and #2 -115kV line for safety concern due to the station breakers' inability to operate without battery power. As a result, 33,918 customers lost power, and SAIFI was increased by 0.006.
2. On May 7, a third-party vehicle collided with a transmission pole, causing it to fall and leave wires on the ground, resulting in a loss of several substations, Gabilan, Otter, Laureles and Reservation Road, and a distribution line, the Salinas 1105 Feeder. 27,775 customers lost power and the event increased overall SAIFI by 0.005.
3. On December 8th, a broken switch on the Hunters Point Bank #1 caused Bank #1 breaker to operate and interrupt service to 21,900 customers. This outage increased

SAIFI by 0.004.

4. On May 29th, the Rio Oso-Drum #1 115KV breaker operated with an unknown cause impacted 21,100 customers. This event contributed 0.004 customer interruptions to the system SAIFI performance.
5. On July 19th, a failed switch on the Lakeville #2 60KV line caused a loss of power to Petaluma A and Petaluma C Substations. This event affected 19,637 customers and contributed 0.003 customer interruptions to the system SAIFI performance.
6. EPSS installed on distribution line equipment contributed 0.288 customer interruptions to the system SAIFI performance.

b. Central Coast Division Performance Assessment

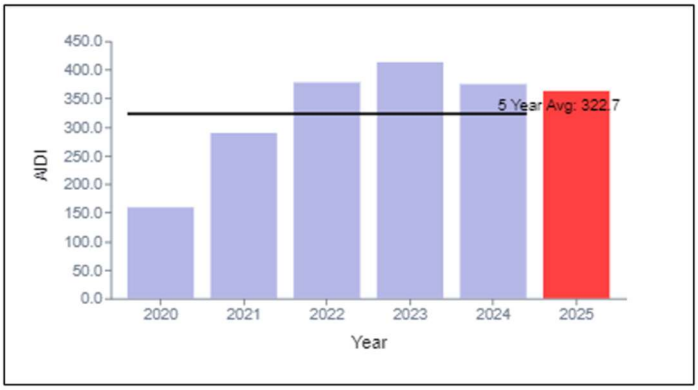
Table 9: Central Coast Performance

Division	Year	AIDI	AIFI	MAIFI	CAIDI
CENTRAL COAST	2020	159.1	1.724	1.600	92.3
CENTRAL COAST	2021	289.2	1.643	1.906	176.0
CENTRAL COAST	2022	377.6	2.657	2.868	142.1
CENTRAL COAST	2023	413.0	2.465	2.158	167.6
CENTRAL COAST	2024	374.7	2.471	1.895	151.6
5-Year Average	20-24 Avg	322.7	2.192	2.085	147.2
CENTRAL COAST	2025	362.6	2.478	1.775	146.3
	%Difference	12.4%	13.0%	-14.9%	-0.6%

Central Coast Division AIDI Performance

Central Coast Division's 2025 AIDI performance of 362.6 was 39.9 customer-minutes (or 12.4%) higher than the five-year rolling average of 322.7 as shown in the table above and illustrated in the figure below.

Chart 5 – Central Coast Division AIDI Performance
(Excluding Planned Outages and MEDs)



The higher-than-average 2025 Central Coast division AIDI is attributed to the following:

1. On May 7, a third-party vehicle collided with a transmission pole causing it to fall and leave wired on the ground resulting in loss of power to Otter Substation. This event affected 27,777 customers and contributed 17.2 customer minutes to the division's AIDI

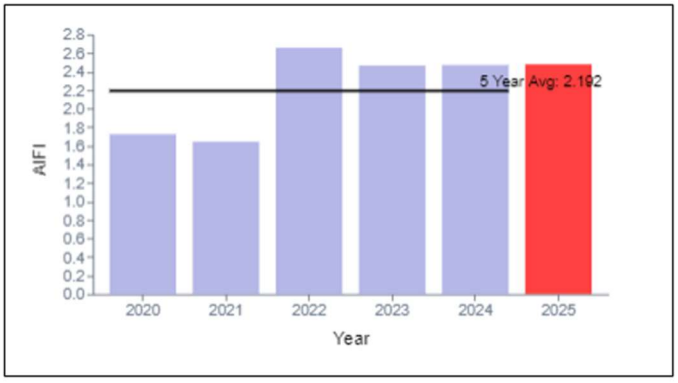
performance.

2. On August 10, a malfunction recloser caused an outage on the Camp Evers 2105 and Point Moretti 1101 feeder. This event affected 5,914 customers and contributed 7.5 customer minutes to the division's AIDI performance.
3. On June 13, a failed Bank #2 mobile caused a substation level outage at Green Valley Substation. This event affected 11,064 customers and contributed 7.5 customer minutes to the division's AIDI performance.
4. On November 2, a failed switch caused a breaker level outage on Gabilan 1101 feeder (in an abnormal condition, with Gabilan 1101 also carrying the Salinas 1105 circuit). This event affected 10,045 customers and contributed 7.4 customer minutes to the division's AIDI performance.
5. On May 14, a recloser on Burns 2101 and Point Moretti 1101 breaker (abnormal switching) feeder tripped with B, C and Ground target due to an unidentified cause. This event affected 5,895 customers and contributed 7.0 customer minutes to the division's AIDI performance.
6. EPSS installed on distribution line equipment contributed 67.1 customer-minutes to the division's AIDI performance.

Central Coast Division AIFI Performance

Central Coast Division's 2025 AIFI performance of 2.478 was 0.286 customer-interruptions (or 13.0%) higher than the five-year rolling average of 2.192 as shown in the table above and illustrated in the figure below.

Chart 6 – Central Coast Division AIFI Performance
(Excluding Planned Outages and MEDs)



The higher-than-average 2025 Central Coast AIFI is attributed to the following:

1. On May 7, a third-party vehicle collided with a transmission pole causing it to fall and leave wired non the ground resulting in loss of power to Otter Substation. This event affected 27,777 customers and contributed 0.093 customer interruptions to the division's AIFI performance.
2. On August 12, an operating error during planned switching caused an outage on Green Valley 2103 feeder (in an abnormal condition, with Green Valley 2105 also carrying the Rob Roy 2105 circuit). This event affected 17,777 customers and contributed 0.060 customer interruptions to the division's AIFI performance.
3. On June 22, a transmission-level outage with unidentified causes impacted Fort Ord Substation. This event affected 14,428 customers and contributed 0.048 customer interruptions to the division's AIFI performance.
4. On August 26, a failed overhead connector with wire down caused a recloser-level

outage on Fort Ord 2106 feeder (double circuit pole impacting Fort Ord 1101 and transferred to Fort Ord 2107 and Fort Ord 2107). This event affected 12,402 customers and contributed 0.042 customer interruptions to the division's AIFI performance.

5. On June 23, a third-party vehicle incident with a broken pole required a force open of the breaker on the Hollister 2105 feeder. While restoring customers, a failed conductor on the back tie caused a breaker-level outage on Hollister 2106. This event affected 12,391 customers and contributed 0.042 customer interruptions to the division's AIFI performance.
6. EPSS installed on distribution line equipment contributed 0.507 customer interruptions to the division's AIFI performance.

c. Kern Division Performance Assessment

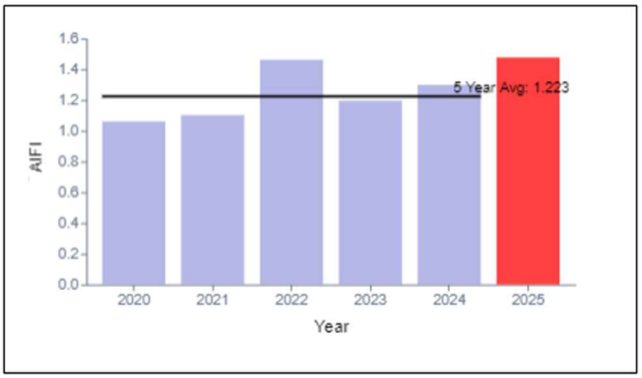
Table 10: Kern Division Performance

Division	Year	AIDI	AIFI	MAIFI	CAIDI
KERN	2020	114.6	1.060	1.831	108.1
KERN	2021	138.4	1.101	1.503	125.7
KERN	2022	269.4	1.461	1.209	184.4
KERN	2023	145.2	1.195	1.794	121.5
KERN	2024	186.0	1.298	1.649	143.3
5-Year Average	20-24 Avg	170.7	1.223	1.597	139.6
KERN	2025	175.8	1.476	1.609	119.1
	%Difference	3.0%	20.7%	0.8%	-14.7%

Kern Division AIFI Performance

Kern Division's 2025 AIFI performance of 1.476 was 0.253 customer interruptions (or 20.7%) higher than the five-year rolling average of 1.223 as shown in the table above and illustrated below.

Chart 7 – Kern Division AIFI Performance
(Excluding Planned Outages and MEDs)



The higher-than-average 2025 Kern Division AIFI is attributed to the following:

1. On September 2, a large vegetation fire required a forced open of the transmission line which caused an outage to Cal Water Substation. This event affected 10,928 customers and contributed 0.041 customer interruptions to the division's AIFI performance.

2. On September 11, a low LTC oil alarm that required a forced open of the Bank #1 high side switch caused an outage to Bakerfield Substation. This event affected 10,642 customers and contributed 0.040 customer interruptions to the division's AIFI performance.
3. On September 3, operating error during planned work caused an outage to Columbus Substation. This event affected 10,455 customers and contributed 0.039 customer interruptions to the division's AIFI performance.
4. On May 16, a failed underground connector caused a breaker level outage on Kern Power 2103 feeder. This event affected 6,446 customers and contributed 0.024 customer interruptions to the division's AIFI performance.
5. On May 8, a broken crossarm that required a forced open caused a breaker level outage on Stockdale 2109 and Stockdale 2110 feeders. This event affected 5,800 customers and contributed 0.022 customer interruptions to the division's AIFI performance.
6. EPSS installed on the distribution line equipment contributed 0.013 customer interruptions to the division's AIFI performance.

d. Los Padres Division Performance Assessment

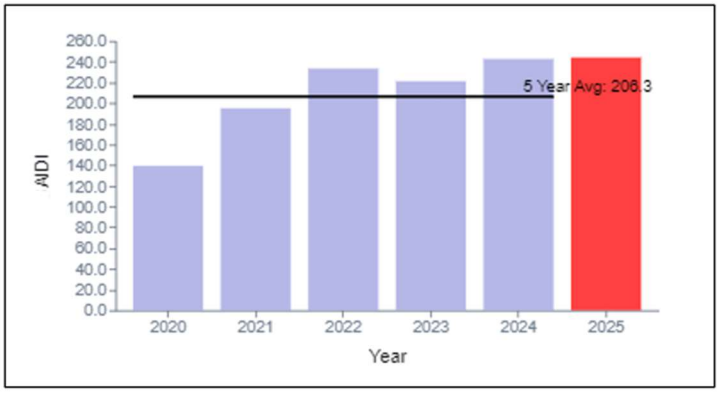
Table 11: Los Padres Division Performance

Division	Year	AIDI	AIFI	MAIFI	CAIDI
LOS PADRES	2020	139.3	1.141	0.836	122.1
LOS PADRES	2021	195.0	1.125	1.314	173.4
LOS PADRES	2022	233.3	1.824	0.870	128.0
LOS PADRES	2023	221.1	1.831	1.176	120.7
LOS PADRES	2024	242.6	2.208	1.021	109.9
5-Year Average	20-24 Avg	206.3	1.626	1.043	126.9
LOS PADRES	2025	244.0	2.025	1.056	120.5
	%Difference	18.3%	24.5%	1.2%	-5.0%

Los Padres Division AIDI Performance

Los Padres Division's 2025 AIDI performance of 244.0 was 37.7 customer-minutes (or 18.3%) higher than the 5-year rolling average of 206.3 as shown in the table above and illustrated in the figure below.

Chart 8 – Los Padres Division AIDI Performance
(Excluding Planned Outages and MEDs)



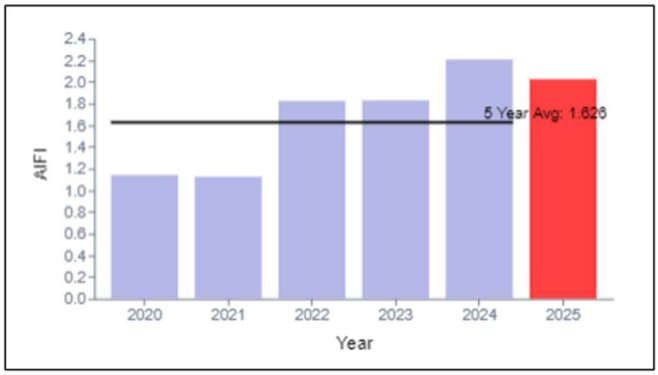
The higher-than-average 2025 Los Padres Division AIDI is attributed to the following:

1. On June 21, a PSPS event due to high fire risk forced multiple devices open. This event affected 2,366 customers and contributed 15.2 customer-minutes to the division's AIDI performance.
2. On September 15, a failed connector caused a recloser level outage on Cabrillo 1104 feeder. This event affected 3,223 customers and contributed 11.3 customer-minutes to the division's AIDI performance.
3. On July 24, a failed jumper with wire down on the transmission line caused a substation level outage at Cholame Substation. This event affected 1,523 customers and contributed 6.8 customer-minutes to the division's AIDI performance.
4. On February 23, a failed connector with wire down caused a breaker level outage on Oceano 1106 feeder. This event affected 13,298 customers and contributed 5.5 customer-minutes to the division's AIDI performance.
5. On March 5, a third-party vehicle incident with a broken pole caused a breaker level outage on San Luis Obispo 1103 feeder. This event affected 5,262 customers and contributed 4.4 customer-minutes to the division's AIDI performance.
6. EPSS installed on the distribution line equipment contributed 92.7 customer minutes to the division's AIDI performance.

Los Padres Division AIFI Performance

Los Padres Division's 2025 AIFI performance of 2.025 was 0.399 customer-interruptions (or 24.5%) higher than the 5-year rolling average of 1.626 as shown in the table above and illustrated in the figure below.

Chart 9 – Los Padres Division AIFI Performance
(Excluding Planned Outages and MEDs)



The higher-than-average 2025 AIFI performance is attributed to the following:

1. On February 23, a failed connector with wire down caused a breaker level outage on Oceano 1106 feeder. On February 24th, while switching to return circuit normal a second case of wire down caused another breaker level outage on Oceano 1106 feeder. These events affected 13,298 customers and contributed 0.063 customer interruptions to the division's AIFI performance.
2. On March 17, a bird in a line with wire down caused a breaker level outage on Mesa 1103 feeder. This event affected 7,718 customers and contributed 0.037 customer interruptions to the division's AIFI performance.
3. On September 24, a lightning strike on the distribution line caused a recloser level outage on Foothill 1101 feeder. This event affected 6,876 customers and contributed 0.033 customer interruptions to the division's AIFI performance.
4. On September 15, a broken jumper caused a recloser level outage on Foothill 1101 feeder. This event affected 6,876 customers and contributed 0.033 customer-interruptions to the division's AIFI performance.
5. On December 8, a third-party tree crew fell the tree to into primary line with wire down which caused a recloser level outage on Mesa 1103 feeder. This event affected 5,945 customers and contributed 0.028 customer interruptions to the division's AIFI performance.
6. EPSS installed on the distribution line equipment contributed 0.779 customer interruptions to the division's AIFI.

e. Mission Division Performance Assessment

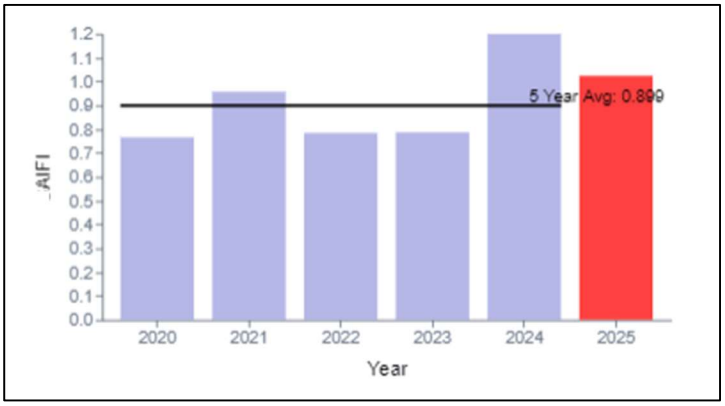
Table 12: Mission Division Performance

Division	Year	AIDI	AIFI	MAIFI	CAIDI
MISSION	2020	91.1	0.766	1.060	119.0
MISSION	2021	113.5	0.957	0.913	118.6
MISSION	2022	109.9	0.784	0.879	140.2
MISSION	2023	102.8	0.787	0.796	130.6
MISSION	2024	147.4	1.200	1.161	122.9
5-Year Average	20-24 Avg	112.9	0.899	0.962	125.7
MISSION	2025	118.1	1.024	0.930	115.3
	%Difference	4.6%	13.9%	-3.3%	-8.3%

Mission Division AIFI Performance

Mission Division's 2025 AIFI performance of 1.024 was 0.125 customer interruptions (or 13.9%) higher than the five-year rolling average of 0.899 as shown in the table above and illustrated in the figure below.

Chart 10 – Mission Division AIFI Performance
(Excluding Planned Outages and MEDs)



The higher-than-average 2025 Mission Division AIFI is attributed to the following:

1. On May 5, a failed underground switch caused a breaker-level outage on the San Ramon 2108 feeder. During switching, a secondary fault with a failed connector caused an additional breaker-level outage to the San Ramon 2105, 2106 and 2107 feeders. This event affected 11,084 customers and contributed 0.027 customer interruptions to the division's AIFI performance.
2. On August 20, an unknown cause resulted in an outage on Jarvis 1102 feeder at the breaker due to Ground Instantaneous target. This event affected 8,088 customers and contributed 0.019 customer interruptions to the division's AIFI performance.
3. On September 10, a pole fire required a forced open at the breaker level on Vineyard 2104 feeder. This event affected 7,269 customers and contributed 0.018 customer interruptions to the division's AIFI performance.

4. On August 7, a failed underground cable required a forced open to make safe and isolate on the Fremont 1111 feeder. This event affected 7,214 customers and contributed 0.017 customer interruptions to the division's AIFI performance.
5. On October 12, a transmission-level outage due to an unidentified cause (100% patrolled) caused a subsequent outage to North Dublin Substation. This event affected 7,101 customers and contributed 0.017 customer interruptions to the division's AIFI performance.
6. EPSS installed on distribution line equipment contributed 0.228 customer interruptions to the division's AIFI performance.

f. North Bay Division Performance Assessment

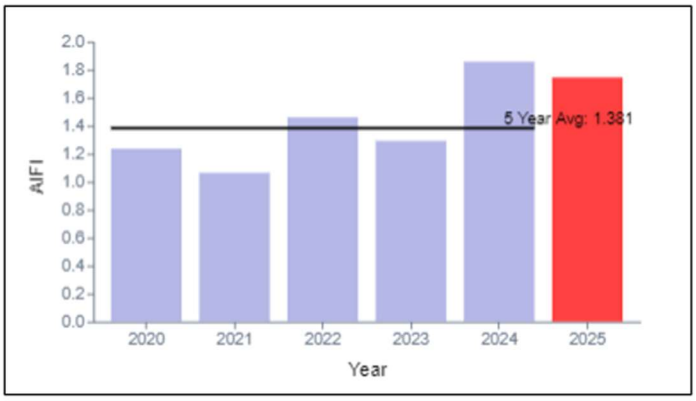
Table 13: North Bay Division Performance

Division	Year	AIDI	AIFI	MAIFI	CAIDI
NORTH BAY	2020	143.3	1.235	2.093	116.0
NORTH BAY	2021	160.0	1.063	1.551	150.5
NORTH BAY	2022	212.6	1.459	1.100	145.7
NORTH BAY	2023	191.6	1.291	0.951	148.5
NORTH BAY	2024	239.5	1.856	1.025	129.0
5-Year Average	20-24 Avg	189.4	1.381	1.344	137.2
NORTH BAY	2025	200.8	1.744	0.971	115.1
	%Difference	6.0%	26.3%	-27.8%	-16.1%

North Bay Division AIFI Performance

North Bay Division's 2025 AIFI performance of 1.744 was 0.363 customer-interruptions (or 26.3%) higher than the five-year rolling average of 1.381 as shown in the table above and illustrated in the figure below.

Chart 11 – North Bay Division AIFI Performance
(Excluding Planned Outages and MEDs)



The higher-than-average 2025 North Bay Division AIFI is attributed to the following:

1. On November 12, a transmission-level outage from improper construction caused an outage to Highway Substation. This event affected 15,054 customers and contributed

0.063 customer interruptions to the division's AIFI performance.

2. On February 1, a third-party metallic balloon in a transmission line with flash insulator caused a substation-level outage at Carquinez Substation. This event affected 7,718 customers and contributed 0.032 customer-interruptions to the division's AIFI performance.
3. On September 10, a burnt pole caused a recloser level outage on the North Tower 2104 feeder. This event affected 7,689 customers and contributed 0.032 customer interruptions to the division's AIFI performance.
4. On April 7, a failed conductor caused a recloser-level outage on the North Tower 2101 feeder. This event affected 6,404 customers and contributed 0.027 customer interruptions to the division's AIFI performance.
5. On February 1, a blown elbow at a subsurface transformer caused a breaker-level outage on the Suisun 1105 feeder. This event affected 6,075 customers and contributed 0.025 customer interruptions to the division's AIFI performance.
6. EPSS installed on distribution line equipment contributed 0.431 customer interruptions to the division's AIFI performance.

g. Peninsula Division Performance Assessment

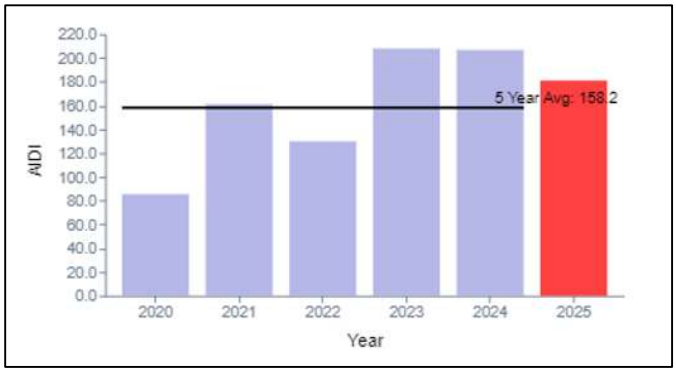
Table 14: Peninsula Division Performance

Division	Year	AIDI	AIFI	MAIFI	CAIDI
PENINSULA	2020	85.5	0.855	1.042	100.0
PENINSULA	2021	161.2	1.068	0.944	150.9
PENINSULA	2022	129.9	1.005	1.351	129.2
PENINSULA	2023	207.9	1.269	1.366	163.7
PENINSULA	2024	206.7	1.529	1.108	135.2
5-Year Average	20-24 Avg	158.2	1.145	1.162	138.2
PENINSULA	2025	181.0	1.369	1.040	132.1
	%Difference	14.4%	19.6%	-10.5%	-4.4%

Peninsula Division AIDI Performance

Peninsula Division's 2025 AIDI performance of 181.0 was 22.8 customer-minutes (or 14.4%) higher than the 5-year rolling average of 158.2 as shown in the table above and illustrated in the figure below.

Chart 12 – Peninsula Division AIDI Performance
(Excluding Planned Outages and MEDs)



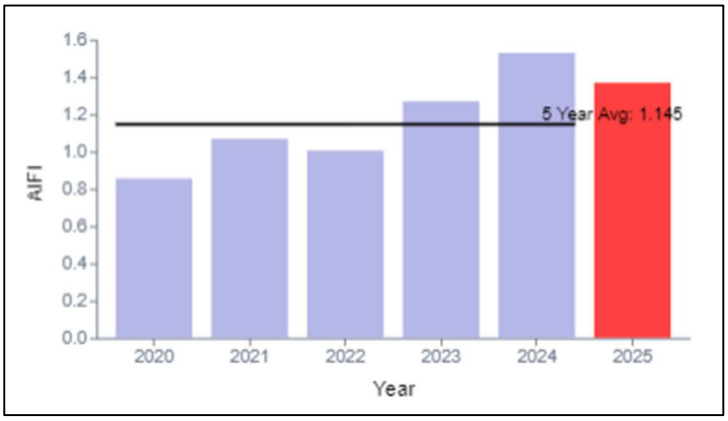
The higher-than-average 2025 Peninsula Division AIDI is attributed to the following:

1. On January 16, a battery charger failed at Bay Meadows Substation required a forced outage of the San Mateo-Bay Meadows #1 and #2 -115kV line for safety concerns due to station breakers' inability to operate without battery power. This event affected 33,918 customers and contributed 19.7 customer-minutes to the division's AIDI performance.
2. On February 4, under heavy rain and high wind conditions, a tree branch fell into the primary line on Half Moon Bay 1103 feeder caused conductor to get together and a recloser level outage. This event affected 2,605 customers and contributed 5.0 customer-minutes to the division's AIDI performance.
3. On May 18, during an EPSS event, a recloser operated with Downed Conductor Detection (DCD) target due to high ground current from abnormal circuit configuration between Woodside 1101 and Menlo 1102 circuit. This event affected 2,013 customers and contributed 4.5 customer-minutes to the division's AIDI performance.
4. On May 31, Bay Meadows 1108 breaker operated, and Bay Meadows 1103 breaker was forced open to make safe due to a failed connector with wire down from bird in the line. This event affected 7,529 customers and contributed 3.1 customer-minutes to the division's AIDI performance.
5. On December 4, a burned riser with wire down caused a breaker level outage on the Daly City 1107 feeder. This event affected 2,681 customers and contributed 3.0 customer-minutes to the division's AIDI performance.
6. EPSS settings installed on the distribution line equipment contributed 17.1 customer-minutes to the division's AIDI performance.

Peninsula Division AIFI Performance

Peninsula Division's 2025 AIFI performance of 1.369 was 0.224 customer-interruptions (or 19.6%) higher than the previous 5-year average of 1.145 as shown in the table above and illustrated in the figure below.

Chart 13 – Peninsula Division AIFI Performance
(Excluding Planned outages and MED's)



The higher-than-average 2025 Peninsula Division AIFI is attributed to the following:

1. On January 16, a battery charger failed at Bay Meadows Substation required a forced outage of the San Mateo-Bay Meadows #1 and #2 -115kV line for safety concerns due to station breakers' inability to operate without battery power. This event affected 33,918 customers and contributed 0.096 customer-interruptions to the division's AIFI performance.
2. On July 7, a failed connector resulting in a wire down caused a recloser level outage on the Sneath Lane 1110 feeder. This event affected 8,324 customers and contributed 0.024 customer-interruptions to the division's AIFI performance.
3. On May 31, Bay Meadows 1108 breaker operated, and Bay Meadows 1103 breaker was forced open to make safe due to a failed connector with wire down from bird in the line. This event affected 7,529 customers and contributed 0.021 customer interruptions to the division's AIFI performance.
4. On April 12, an unknown cause with A & B phase instantaneous target resulted in a breaker level outage at SF H (Martin) 1105 feeder. This event affected 7,295 customers and contributed 0.021 customer interruptions to the division's AIFI performance.
5. On June 30, a forced out occurred at the breaker on Bay Meadows 2101 due to a broken pole. This event affected 7,020 customers and contributed 0.020 customer-interruptions to the division's AIFI performance.
6. EPSS installed on the distribution line equipment contributed 0.103 customer interruptions to the division's AIFI performance.

h. San Francisco Division Performance Assessment

Table 15: San Francisco Division Performance

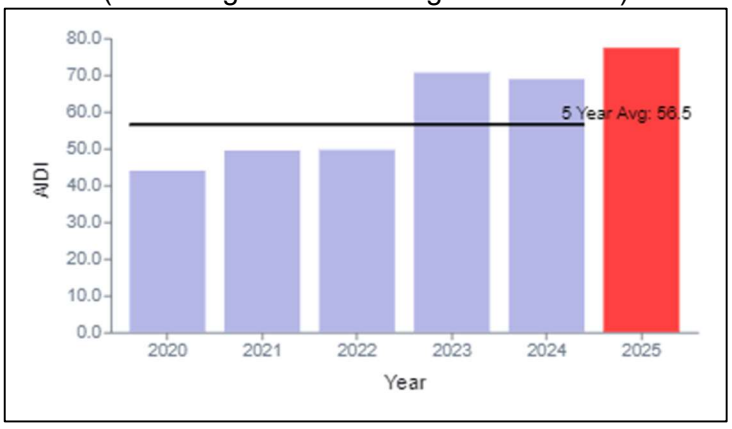
Division	Year	AIDI	AIFI	MAIFI	CAIDI
SAN FRANCISCO	2020	43.9	0.582	0.386	75.5
SAN FRANCISCO	2021	49.4	0.530	0.499	93.2
SAN FRANCISCO	2022	49.6	0.496	0.458	100.0
SAN FRANCISCO	2023	70.6	0.581	0.366	121.4
SAN FRANCISCO	2024	68.8	0.601	0.263	114.5
5-Year Average	20-24 Avg	56.5	0.558	0.394	101.2
SAN FRANCISCO	2025	77.3	0.772	0.418	100.0
	%Difference	36.8%	38.4%	6.1%	-1.2%

San Francisco Division AIDI Performance

San Francisco Division's 2025 AIDI performance of 77.3 was 20.8 customer-minutes (or 36.8%) higher than the 5-year rolling average of 56.5 as shown in the table above and illustrated in the figure below.

Chart 14 – San Francisco Division AIDI Performance

(Excluding Planned Outages and MEDs)



The higher-than-average 2025 San Francisco Division AIDI is attributed to the following:

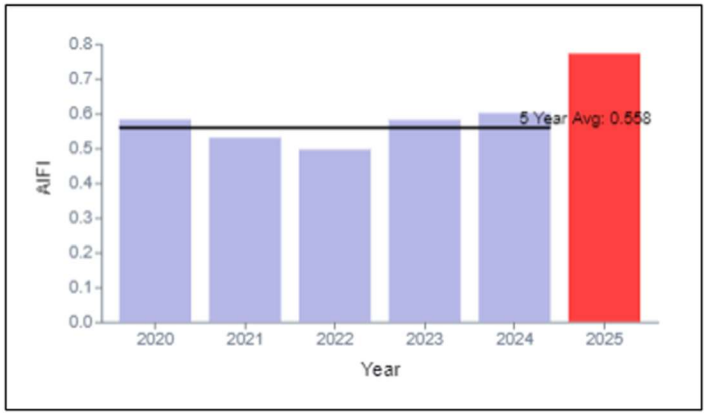
1. On December 8, a failed substation switch on Bank #1 caused a substation level outage to Hunters Point Bank #1 and Bank #6. This event affected 21,900 customers and contributed 6.4 customer-minutes to the division's AIDI performance.
2. On December 28, a failed SCADAMATE switch caused a breaker level outage on SF Y 1138 feeder. This event affected 11,084 customers and contributed 3.6 customer-minutes to the division's AIDI performance.
3. On December 21, a breaker at SF E 1105 operated with Ground target due to an unknown cause. This event affected 7,137 customers and contributed 3.3 customer-minutes to the division's AIDI performance.
4. On December 27, an underground cable failure caused a breaker level outage on SF X 1115 feeder. This event affected 5,966 customers and contributed 2.8 customer-minutes to the division's AIDI performance.

5. On March 12, a heavy rain and wind event and third-party debris blown in the primary line with wire down caused a breaker level outage on Daly City 1109 feeder. This event affected 8,224 customers and contributed 1.9 customer-minutes to the division's AIDI performance.
6. On July 23, a broken pole required a force open recloser on the SF N 1102 feeder. This event affected 1,925 customers and contributed 1.9 customer-minutes to the division's AIDI performance.
7. On June 6, an underground cable failure caused a breaker level outage on SF X 1125 feeder. This event affected 3,798 customers and contributed 1.6 customer-minutes to the division's AIDI performance.

San Francisco Division AIFI Performance

San Francisco Division's 2025 AIFI performance of 0.772 was 0.214 minutes (or 38.4%) higher than the 5-year rolling average of 0.558 as shown in the table above and illustrated in the figure below.

Chart 15 – San Francisco Division AIFI Performance
(Excluding Planned Outages and MEDs)



The higher-than-average 2025 San Francisco Division AIFI is attributed to the following:

1. On December 28, a failed SCADAMATE switch caused a breaker level outage on SF Y 1138 feeder. This event affected 11,084 customers and contributed 0.030 customer-interruptions to the division's AIFI performance.
2. On March 13, a failed switch caused a breaker level outage on SF P 1102 feeder. This event affected 8,591 customers and contributed 0.023 customer interruptions to the division's AIFI performance.
3. On March 12, a heavy rain and wind event and third-party debris blown into primary line with wire down caused breaker level outage on Daly City 1109 feeder. This event affected 8,224 customers and contributed 0.022 customer interruptions to the division's AIFI performance.
4. On March 23, a third-party vehicle incident with broken guy wire caused a breaker level outage on SF H Martin 1105 feeder. This event affected 7,295 customers and contributed 0.020 customer interruptions to the division's AIFI performance.
5. On December 21, a breaker at SF E 1105 operated with Ground target due to an unknown cause. This event affected 7,137 customers and contributed 0.019 customer interruptions to the division's AIFI performance.

ii. 2025 Weather-Related Excludable Major Events CAIDI Performance

Weather-Related Excludable Major Events In 2025

This section contains PG&E's report on weather-related excludable major event for each division in which CAIDI varied by 25 percent or more in the division benchmark. The division benchmarks are calculated from the rolling average of the prior 10 weather-related excludable events as defined by IEEE 1366 as mentioned in D.04-10-034 and D.16-01-008, Appendix B, footnote 6.

Table 16: Summary list of weather-related excludable major events for 2025

Index	2025 Weather Related Major Events
1	June 19, 2025
2	December 23-25, 2025

Note that the weather-related excludable major events reported per the requirement of this section do not include all of PG&E's MEDs in 2025. PG&E's December 20, 2025 MED occurrence was not weather-related and is therefore not included in this section, however its details can be found in section 7 of this report.

a. June 19th, 2025, Major Event Day

Table 17 summarizes the system and division CAIDI performances during this event and the average of the prior ten major event days.

Table 17: June 19th 2025, CAIDI Performance

System/Division	Average CAIDI of Prior 10 System / Division Specific Excludable ME	June 19th, 2025/ Division Specific CAIDI	Percent Difference From the Prior CAIDI Average	Exceeds the Investigation Threshold?
System	754.7	445.7	-40.9%	No
Central Coast	1,201.6	1,713.5	42.6%	Yes
De Anza	1,001.9	183.4	-81.7%	No
Diablo	447.0	1,479.2	231.0%	Yes
East Bay	437.7	311.9	-28.7%	No
Fresno	316.6	99.3	-68.6%	No
Humboldt	962.6	187.8	-80.5%	No
Kern	331.4	129.3	-61.0%	No
Los Padres	309.2	621.0	100.9%	Yes
Mission	231.4	2,586.8	1017.7%	Yes
North Bay	646.3	325.3	-49.7%	No
North Valley	740.0	1,161.9	57.0%	Yes
Peninsula	823.8	134.1	-83.7%	No
Sacramento	443.6	189.4	-57.3%	No
San Francisco	388.5	77.0	-80.2%	No
San Jose	604.4	154.0	-74.5%	No
Sierra	1,429.6	96.7	-93.2%	No
Sonoma	749.0	72.3	-90.4%	No
Stockton	463.5	412.1	-11.1%	No
Yosemite	868.2	381.8	-56.0%	No

1. Central Coast CAIDI Assessment

Rolling average of the prior 10 weather related excludable events excludes non-restorable outages

Table 18: Central Coast Historical Performance

Division	Major Event Day	CAIDI
Central Coast	February 23-28th, 2023	638.6
Central Coast	March 9th, 2023	1,698.3
Central Coast	March 14th, 2023	881.1
Central Coast	March 21st, 2023	1,699.8
Central Coast	September 9th, 2023	345.4
Central Coast	February 4th, 2024	1,371.6
Central Coast	March 1st, 2024	72.7
Central Coast	October 17th, 2024	80.4
Central Coast	November 5th, 2024	260.0
Central Coast	December 14th, 2024	969.7
Central Coast	Average of 10 excludable major events	1,201.6
Central Coast	June 19th, 2025	1,713.5
Central Coast	Percent Difference from Prior 10-MED CAIDI Average	42.6%

The top contributing factors to the higher division CAIDI value on June 19th, 2025, were due to the following outages:

- Ten (10) outages related to Public Safety Power Shutoff (PSPS) impacted 1,130 customers in total and contributed 2,802.8 minutes to overall CAIDI performance.
- An additional 768 customers were impacted by three equipment-related outages, one unknown-cause outage, and one vegetation-related outage, which together contributed 110.8 minutes to overall CAIDI performance.

2. Diablo CAIDI Assessment

Table 19: Diablo Historical Performance

Division	Major Event Day	CAIDI
Diablo	February 23-28th, 2023	191.0
Diablo	March 9th, 2023	187.7
Diablo	March 14th, 2023	609.2
Diablo	March 21st, 2023	228.7
Diablo	September 9th, 2023	164.0
Diablo	February 4th, 2024	664.3
Diablo	March 1st, 2024	143.1
Diablo	October 17th, 2024	610.3
Diablo	November 5th, 2024	560.0
Diablo	December 14th, 2024	83.7
Diablo	Average of 10 excludable major events	447.0
Diablo	June 19th, 2025	1,479.2
Diablo	Percent Difference from Prior 10-MED CAIDI Average	231.0%

The top contributing factors to the higher division CAIDI value on June 19, 2025, were due to the following outages:

- Five (5) outages related to Public Safety Power Shutoff (PSPS) impacted 352 customers, resulting in 2650.2 minutes added to overall CAIDI performance.
- An additional 320 customers were impacted by three equipment-related outages, two underground equipment failure outages, which together contributed 191.2 minutes to

overall CAIDI performance.

3. Los Padres CAIDI Assessment

Table 20 – Los Padres Historical Performance

Division	Major Event Day	CAIDI
Los Padres	February 23-28th, 2023	268.1
Los Padres	March 9th, 2023	94.5
Los Padres	March 14th, 2023	129.3
Los Padres	March 21st, 2023	166.2
Los Padres	September 9th, 2023	159.0
Los Padres	February 4th, 2024	363.1
Los Padres	March 1st, 2024	149.2
Los Padres	October 17th, 2024	85.0
Los Padres	November 5th, 2024	79.4
Los Padres	December 14th, 2024	345.8
Los Padres	Average of 10 excludable major events	309.2
Los Padres	June 19th, 2025	621.0
Los Padres	Percent Difference from Prior 10-MED CAIDI Average	100.9%

The top contributing factors to the higher division CAIDI value of June 19, 2025, were due to the following outages:

- Four (4) outages related to Public Safety Power Shutoff (PSPS) impacted 822 customers, resulting in 2673.8 minutes added to CAIDI.
- An additional 3,266 customers were impacted by ten different unplanned outages, which together contributed 104.4 minutes to overall CAIDI performance.

4. Mission CAIDI Assessment

Table 21: Mission Historical Performance

Division	Major Event Day	CAIDI
Mission	February 23-28th, 2023	135.6
Mission	March 9th, 2023	18.8
Mission	March 14th, 2023	508.0
Mission	March 21st, 2023	230.7
Mission	September 9th, 2023	655.1
Mission	February 4th, 2024	190.9
Mission	March 1st, 2024	29.6
Mission	October 17th, 2024	202.3
Mission	November 5th, 2024	216.8
Mission	December 14th, 2024	110.1
Mission	Average of 10 excludable major events	231.4
Mission	June 19th, 2025	2,586.8
Mission	Percent Difference from Prior 10-MED CAIDI Average	1017.7%

The top contributing factors to the higher division CAIDI value of June 19, 2025, were due to the following outages:

- Six (6) outages related to Public Safety Power Shutoff (PSPS) impacted 644 customers,

resulting in 2,740.1 minutes added to overall CAIDI performance.

- An additional 41 customers were impacted by one equipment-related outage, one unknown cause outage, which together contributed 177.9 minutes to overall CAIDI performance.

5. North Valley CAIDI Assessment

Table 22: North valley Historical Performance

Division	Major Event Day	CAIDI
North Valley	February 23-28th, 2023	669.2
North Valley	March 9th, 2023	410.0
North Valley	March 14th, 2023	450.1
North Valley	March 21st, 2023	68.1
North Valley	September 9th, 2023	861.2
North Valley	February 4th, 2024	861.6
North Valley	March 1st, 2024	971.8
North Valley	October 17th, 2024	1,258.1
North Valley	November 5th, 2024	746.5
North Valley	December 14th, 2024	305.8
North Valley	Average of 10 excludable major events	740.0
North Valley	June 19th, 2025	1,161.9
North Valley	Percent Difference from Prior 10-MED CAIDI Average	57.0%

The top contributing factors to the higher division CAIDI value of June 19, 2025, were due to the following outages:

- Eight (8) outages related to Public Safety Power Shutoff (PSPS) impacted 2,221 customers, resulting in 1,668.2 minutes added to overall CAIDI performance.
- An additional 1,487 customers were impacted by four equipment-related outages, one unknown cause outage, which together contributed 201.3 minutes to overall CAIDI performance.

b. December 23-25th, 2025 Major Event Days

Table 23 summarizes the system and division CAIDI performances during this event and the average of the prior ten weather-related major events.

Table 23: December 23-25th, 2025 CAIDI Performance

System/Division	Average CAIDI of Prior 10 System / Division Specific Excludable ME	Dec (23-25), 2025/ Division Specific CAIDI	Percent Difference From the Prior CAIDI Average	Exceeds the Investigation Threshold?
System	754.7	452.6	-40.0%	No
Central Coast	1,201.6	1,084.6	-9.7%	No
De Anza	1,001.9	224.3	-77.6%	No
Diablo	447.0	178.9	-60.0%	No
East Bay	437.7	93.3	-78.7%	No
Fresno	316.6	101.3	-68.0%	No
Humboldt	962.6	734.5	-23.7%	No
Kern	331.4	164.6	-50.3%	No
Los Padres	309.2	129.9	-58.0%	No
Mission	231.4	85.1	-63.2%	No
North Bay	646.3	235.9	-63.5%	No
North Valley	740.0	282.8	-61.8%	No
Peninsula	823.8	518.2	-37.1%	No
Sacramento	443.6	428.4	-3.4%	No
San Francisco	388.5	74.4	-80.9%	No
San Jose	604.4	156.6	-74.1%	No
Sierra	1,429.6	338.5	-76.3%	No
Sonoma	749.0	903.1	-20.6%	No
Stockton	463.5	124.1	-73.2%	No
Yosemite	868.2	124.5	-85.7%	No

3. System and Division Indices Based on IEEE 1366 for the Past 10 Years Including Planned Outages and Including and Excluding MED

Table 24 below provides the T&D system reliability indices from 2016 to 2025 for unplanned and planned outages combined (both including and excluding Major Event Days).

Table 24: Combined Transmission & Distribution System Indices
(Includes Planned Outages)

	MED Included				MED Excluded			
Year	SAIDI	SAIFI	MAIFI	CAIDI	SAIDI	SAIFI	MAIFI	CAIDI
2016	121.9	1.103	1.603	110.6	108.9	1.021	1.494	106.7
2017	374.2	1.549	2.297	241.6	113.4	0.958	1.489	118.3
2018	309.4	1.175	1.428	263.3	126.3	1.080	1.361	117.0
2019	1,395.4	1.996	1.793	699.3	148.8	1.128	1.282	131.9
2020	478.4	1.556	1.571	307.5	153.2	1.179	1.316	130.0
2021	626.3	1.837	1.907	341.0	218.2	1.318	1.327	165.5
2022	326.3	1.778	1.409	183.5	255.7	1.630	1.320	156.9
2023	711.9	2.222	2.006	320.4	256.1	1.558	1.215	164.4
2024	510.1	2.161	1.666	236.0	276.4	1.832	1.310	150.9
2025	296.5	1.756	1.242	168.8	223.6	1.604	1.105	139.4

a. System and Division Indices Based on IEEE 1366 for the Past Ten Years

i. System and Division Reliability Indices

Table 25: System and Division Reliability Indices

		Major Events Included				Major Events Excluded			
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
CENTRAL COAST	2016	202.8	1.714	2.739	118.3	180.2	1.548	2.485	116.4
CENTRAL COAST	2017	819.7	2.522	4.577	325.0	157.8	1.352	2.590	116.7
CENTRAL COAST	2018	217.7	1.733	2.507	125.6	193.0	1.582	2.247	122.0
CENTRAL COAST	2019	1,328.1	2.706	3.153	490.8	235.7	1.587	2.235	148.5
CENTRAL COAST	2020	417.0	2.215	1.968	188.3	180.0	1.808	1.680	99.6
CENTRAL COAST	2021	740.2	2.515	2.544	294.3	317.1	1.774	1.906	178.7
CENTRAL COAST	2022	523.3	3.132	3.002	167.1	416.7	2.808	2.872	148.4
CENTRAL COAST	2023	1,814.2	4.012	3.743	452.3	458.7	2.626	2.160	174.7
CENTRAL COAST	2024	1,245.0	3.384	2.712	367.9	433.6	2.664	1.899	162.8
CENTRAL COAST	2025	750.3	2.970	2.069	252.6	411.1	2.658	1.778	154.7
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
DE ANZA	2016	119.4	0.977	1.415	122.1	96.8	0.806	1.337	120.2
DE ANZA	2017	332.0	1.583	1.793	209.7	114.3	1.063	1.150	107.5
DE ANZA	2018	121.3	0.967	1.429	125.4	117.8	0.918	1.406	128.3
DE ANZA	2019	435.7	1.496	2.011	291.3	124.0	0.982	1.660	126.4
DE ANZA	2020	252.7	1.043	1.642	242.2	108.7	0.793	1.257	137.0
DE ANZA	2021	327.8	1.301	1.798	251.9	153.5	0.896	1.001	171.2
DE ANZA	2022	227.9	1.387	1.116	164.3	169.2	1.174	1.067	144.1
DE ANZA	2023	1,545.0	2.607	3.004	592.6	226.1	1.189	1.471	190.2
DE ANZA	2024	549.1	2.286	1.918	240.2	288.7	1.844	1.428	156.5
DE ANZA	2025	247.2	1.395	1.106	177.2	185.4	1.119	0.772	165.6
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
DIABLO	2016	97.8	1.121	1.736	87.3	95.2	1.107	1.701	86.0
DIABLO	2017	161.0	1.327	2.143	121.3	97.9	0.982	1.625	99.8
DIABLO	2018	122.1	1.278	1.544	95.6	110.7	1.168	1.501	94.7
DIABLO	2019	640.8	1.728	1.857	370.9	105.8	1.057	1.215	100.1
DIABLO	2020	269.0	1.523	1.825	176.6	130.1	1.295	1.623	100.5
DIABLO	2021	201.1	1.588	1.673	126.6	148.4	1.328	1.354	111.7
DIABLO	2022	244.5	1.844	1.385	132.6	215.3	1.713	1.298	125.7
DIABLO	2023	489.5	2.270	1.582	215.7	213.5	1.492	1.080	143.1
DIABLO	2024	350.5	2.288	1.930	153.2	227.2	2.036	1.592	111.6
DIABLO	2025	156.7	1.351	1.336	116.0	151.3	1.335	1.323	113.3
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
EAST BAY	2016	137.1	1.246	1.243	110.0	110.2	1.091	1.080	101.0
EAST BAY	2017	162.1	1.271	1.983	127.6	88.3	0.956	1.528	92.4
EAST BAY	2018	121.0	1.089	1.132	111.1	111.9	0.999	1.081	112.0
EAST BAY	2019	485.2	1.419	1.217	342.0	109.1	0.924	0.957	118.1
EAST BAY	2020	238.2	1.174	1.647	202.9	111.1	0.896	1.453	124.0
EAST BAY	2021	265.6	1.772	1.685	149.9	181.0	1.341	1.369	135.0
EAST BAY	2022	195.3	1.351	1.682	144.6	183.0	1.265	1.662	144.7
EAST BAY	2023	442.7	1.671	1.566	265.0	139.6	1.095	0.782	127.5
EAST BAY	2024	220.6	1.467	1.277	150.4	188.4	1.273	0.884	148.0
EAST BAY	2025	162.9	1.203	1.076	135.4	156.4	1.137	1.013	137.6

Division	Year	AIDI	AIFI	MAIFI	CAIDI	AIDI	AIFI	MAIFI	CAIDI
FRESNO	2016	99.4	1.206	1.978	82.4	97.5	1.184	1.955	82.4
FRESNO	2017	116.6	1.064	1.866	109.6	85.9	0.874	1.549	98.2
FRESNO	2018	128.0	1.142	1.416	112.1	87.3	0.955	1.369	91.4
FRESNO	2019	139.2	1.090	1.697	127.8	96.6	0.920	1.478	105.0
FRESNO	2020	130.3	1.205	1.464	108.1	99.4	0.931	1.364	106.7
FRESNO	2021	227.8	1.424	1.699	159.9	156.1	1.149	1.469	135.9
FRESNO	2022	201.3	1.378	1.798	146.0	194.2	1.327	1.736	146.3
FRESNO	2023	305.9	1.594	1.980	191.9	195.2	1.262	1.491	154.7
FRESNO	2024	218.6	1.630	1.540	134.1	213.9	1.594	1.498	134.2
FRESNO	2025	176.0	1.376	1.358	127.9	169.8	1.319	1.307	128.8
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
HUMBOLDT	2016	251.0	1.757	2.100	142.9	234.5	1.657	2.040	141.6
HUMBOLDT	2017	955.5	2.526	3.511	378.2	310.5	1.469	2.281	211.4
HUMBOLDT	2018	448.5	2.333	1.571	192.3	271.4	1.976	1.503	137.4
HUMBOLDT	2019	7,018.7	4.731	2.490	1483.6	391.2	1.964	1.900	199.2
HUMBOLDT	2020	1,058.7	2.460	1.499	430.4	280.3	1.631	1.346	171.8
HUMBOLDT	2021	1,717.4	3.196	2.145	537.4	569.3	2.368	1.481	240.4
HUMBOLDT	2022	1,158.0	3.595	1.451	322.1	618.2	3.036	1.373	203.7
HUMBOLDT	2023	2,524.4	4.612	3.643	547.3	724.6	3.109	1.703	233.1
HUMBOLDT	2024	1,387.0	4.408	2.365	314.7	850.7	3.845	1.921	221.3
HUMBOLDT	2025	634.3	2.863	1.435	221.5	427.2	2.572	1.169	166.1
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
KERN	2016	101.9	0.998	2.078	102.1	101.3	0.982	2.071	103.1
KERN	2017	149.9	1.132	1.959	132.4	88.5	0.790	1.403	112.0
KERN	2018	83.3	0.859	1.748	97.0	82.4	0.852	1.721	96.7
KERN	2019	172.4	1.391	2.080	123.9	116.1	1.162	1.744	99.9
KERN	2020	137.6	1.196	1.968	115.1	122.5	1.099	1.843	111.4
KERN	2021	193.7	1.454	1.869	133.2	151.7	1.155	1.516	131.3
KERN	2022	288.2	1.565	1.288	184.2	284.9	1.531	1.210	186.2
KERN	2023	212.4	1.479	2.125	143.6	164.1	1.274	1.807	128.9
KERN	2024	248.5	1.527	2.049	162.7	209.1	1.408	1.656	148.6
KERN	2025	201.5	1.625	1.783	124.0	192.5	1.570	1.619	122.6
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
LOS PADRES	2016	130.2	1.255	1.674	103.7	128.4	1.230	1.672	104.4
LOS PADRES	2017	335.7	1.688	2.127	198.9	126.3	1.054	1.443	119.8
LOS PADRES	2018	165.9	1.408	1.155	117.8	154.5	1.325	1.011	116.6
LOS PADRES	2019	261.0	1.670	1.134	156.3	184.0	1.319	0.798	139.5
LOS PADRES	2020	221.5	1.408	0.916	157.3	162.4	1.252	0.837	129.8
LOS PADRES	2021	341.5	1.825	1.951	187.1	233.6	1.320	1.330	177.0
LOS PADRES	2022	362.3	2.207	1.001	164.2	275.6	1.999	0.871	137.9
LOS PADRES	2023	484.2	2.593	1.808	186.7	266.7	2.016	1.199	132.3
LOS PADRES	2024	417.2	2.768	1.331	150.7	306.5	2.458	1.025	124.7
LOS PADRES	2025	305.9	2.329	1.132	131.3	283.5	2.231	1.090	127.1

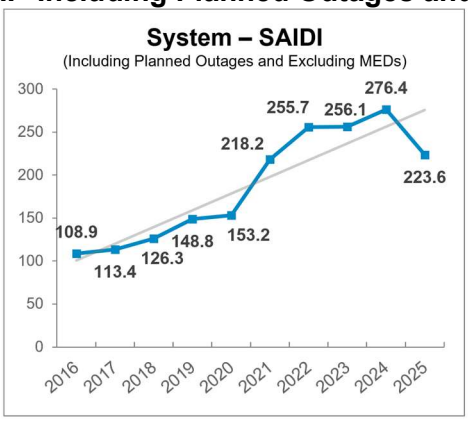
Division	Year	AIDI	AIFI	MAIFI	CAIDI	AIDI	AIFI	MAIFI	CAIDI
MISSION	2016	95.2	0.828	0.972	114.9	85.1	0.766	0.927	111.1
MISSION	2017	149.1	1.074	1.471	138.8	71.1	0.664	1.004	107.1
MISSION	2018	79.5	0.738	0.853	107.6	74.3	0.710	0.829	104.7
MISSION	2019	308.2	1.014	0.943	303.9	77.0	0.732	0.697	105.1
MISSION	2020	231.5	1.258	1.389	184.0	103.2	0.821	1.061	125.6
MISSION	2021	172.2	1.287	1.225	133.8	129.2	1.027	0.922	125.7
MISSION	2022	142.6	0.915	0.921	155.9	124.5	0.858	0.883	145.0
MISSION	2023	183.1	1.149	1.095	159.3	119.7	0.853	0.799	140.3
MISSION	2024	196.6	1.471	1.302	133.6	166.2	1.281	1.166	129.8
MISSION	2025	146.3	1.145	0.952	127.8	139.5	1.113	0.935	125.3
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
NORTH BAY	2016	133.5	1.040	1.436	128.3	107.2	0.887	1.210	120.8
NORTH BAY	2017	752.8	1.840	2.812	409.0	167.7	1.033	1.835	162.3
NORTH BAY	2018	204.7	1.145	1.856	178.9	156.0	1.082	1.790	144.2
NORTH BAY	2019	3,551.3	3.321	2.276	1069.4	180.8	1.449	1.652	124.8
NORTH BAY	2020	555.2	1.897	2.536	292.6	188.8	1.413	2.107	133.6
NORTH BAY	2021	405.0	1.839	2.293	220.2	210.7	1.267	1.555	166.3
NORTH BAY	2022	295.7	1.785	1.206	165.7	291.0	1.746	1.152	166.7
NORTH BAY	2023	556.8	2.154	1.895	258.5	270.4	1.557	0.957	173.7
NORTH BAY	2024	826.7	2.885	1.479	286.6	319.6	2.267	1.028	141.0
NORTH BAY	2025	248.8	1.954	0.997	127.3	245.2	1.939	0.978	126.4
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
NORTH VALLEY	2016	194.4	1.357	2.195	143.3	165.7	1.220	1.959	135.9
NORTH VALLEY	2017	417.4	1.760	3.164	237.1	130.9	0.949	2.008	138.0
NORTH VALLEY	2018	4,318.7	1.774	1.401	2434.4	218.5	1.508	1.333	144.9
NORTH VALLEY	2019	4,960.1	4.212	2.515	1177.5	277.4	1.751	1.473	158.4
NORTH VALLEY	2020	2,102.1	2.964	1.685	709.3	390.3	1.940	1.400	201.1
NORTH VALLEY	2021	2,223.8	3.224	3.269	689.7	517.0	1.999	2.219	258.6
NORTH VALLEY	2022	460.1	2.593	1.339	177.4	443.6	2.517	1.234	176.2
NORTH VALLEY	2023	824.7	3.064	2.152	269.2	476.0	2.402	1.339	198.1
NORTH VALLEY	2024	813.2	2.704	1.461	300.7	449.5	2.288	1.207	196.5
NORTH VALLEY	2025	489.4	2.584	1.356	189.4	396.5	2.321	1.177	170.9
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
PENINSULA	2016	102.6	1.065	1.383	96.3	94.4	0.984	1.197	96.0
PENINSULA	2017	181.4	1.394	2.383	130.1	75.6	0.704	1.176	107.3
PENINSULA	2018	106.1	0.991	1.256	107.0	99.7	0.940	1.204	106.0
PENINSULA	2019	771.5	1.661	1.642	464.5	124.1	0.920	0.983	134.9
PENINSULA	2020	196.8	1.288	1.383	152.8	112.5	0.943	1.043	119.3
PENINSULA	2021	436.2	1.762	1.927	247.6	204.3	1.199	0.945	170.4
PENINSULA	2022	206.2	1.282	1.415	160.8	174.7	1.155	1.352	151.3
PENINSULA	2023	1,281.8	2.581	2.977	496.7	248.2	1.418	1.366	175.1
PENINSULA	2024	656.7	2.181	1.606	301.1	266.0	1.740	1.113	152.9
PENINSULA	2025	292.9	1.721	1.399	170.2	232.3	1.600	1.043	145.2

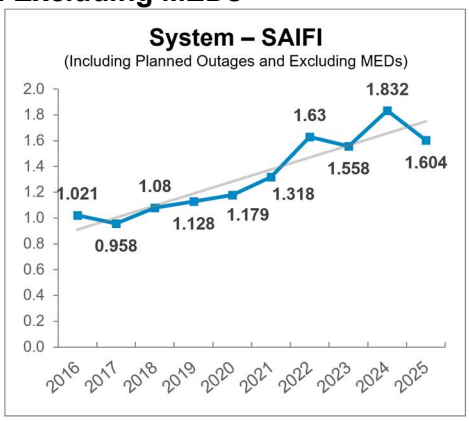
Division	Year	AIDI	AIFI	MAIFI	CAIDI	AIDI	AIFI	MAIFI	CAIDI
SACRAMENTO	2016	118.5	1.133	1.810	104.6	102.6	1.042	1.545	98.5
SACRAMENTO	2017	300.0	1.970	3.218	152.3	137.9	1.168	1.713	118.1
SACRAMENTO	2018	134.3	1.190	1.937	112.8	126.6	1.152	1.827	110.0
SACRAMENTO	2019	686.8	1.761	2.349	390.1	114.3	0.939	1.575	121.7
SACRAMENTO	2020	302.1	1.690	1.797	178.7	193.7	1.438	1.500	134.7
SACRAMENTO	2021	608.9	1.849	2.892	329.4	183.6	1.228	1.878	149.6
SACRAMENTO	2022	417.7	1.660	1.720	251.6	206.4	1.407	1.573	146.7
SACRAMENTO	2023	475.3	1.892	2.112	251.2	222.2	1.380	1.437	161.0
SACRAMENTO	2024	531.6	1.949	1.391	272.8	250.0	1.456	1.061	171.7
SACRAMENTO	2025	200.7	1.246	1.307	161.0	152.3	1.101	1.187	138.3
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SAN FRANCISCO	2016	49.7	0.597	0.398	83.3	48.7	0.577	0.356	84.4
SAN FRANCISCO	2017	127.0	0.906	0.514	140.3	46.5	0.543	0.372	85.6
SAN FRANCISCO	2018	62.2	0.506	0.300	123.0	58.9	0.466	0.273	126.5
SAN FRANCISCO	2019	104.9	0.817	0.363	128.4	88.4	0.707	0.259	125.0
SAN FRANCISCO	2020	66.8	0.713	0.429	93.7	61.7	0.651	0.389	94.8
SAN FRANCISCO	2021	94.4	0.770	0.595	122.6	73.8	0.622	0.500	118.7
SAN FRANCISCO	2022	76.1	0.611	0.476	124.6	72.3	0.578	0.460	125.0
SAN FRANCISCO	2023	171.9	0.974	0.561	176.4	104.1	0.691	0.366	150.5
SAN FRANCISCO	2024	138.0	0.813	0.320	169.7	109.1	0.736	0.264	148.2
SAN FRANCISCO	2025	355.4	1.333	0.567	266.7	119.6	0.930	0.420	128.6
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SAN JOSE	2016	80.8	0.753	1.203	107.2	77.4	0.719	1.155	107.6
SAN JOSE	2017	201.1	1.342	1.808	149.8	92.9	0.837	1.172	111.0
SAN JOSE	2018	112.1	0.986	1.351	113.7	110.1	0.972	1.324	113.3
SAN JOSE	2019	290.8	1.154	1.425	252.0	96.1	0.815	1.256	117.8
SAN JOSE	2020	193.6	1.145	1.528	169.1	136.4	0.974	1.276	140.0
SAN JOSE	2021	189.4	1.079	1.252	175.5	112.5	0.835	0.910	134.7
SAN JOSE	2022	234.5	1.488	1.332	157.6	175.4	1.249	1.183	140.4
SAN JOSE	2023	341.8	1.489	1.614	229.5	158.5	1.003	1.050	158.0
SAN JOSE	2024	446.4	1.788	1.563	249.7	212.8	1.455	1.205	146.2
SAN JOSE	2025	187.5	1.333	1.137	140.7	174.2	1.248	1.038	139.5
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
SIERRA	2016	188.4	1.341	1.887	140.4	135.8	1.118	1.728	121.4
SIERRA	2017	641.5	2.193	3.112	292.4	176.3	1.308	1.864	134.8
SIERRA	2018	445.6	1.693	1.446	263.3	198.9	1.482	1.366	134.3
SIERRA	2019	5,898.4	4.364	2.630	1351.5	239.3	1.408	1.555	170.0
SIERRA	2020	2,402.7	2.901	2.076	828.3	265.4	1.695	1.328	156.5
SIERRA	2021	3,142.9	3.236	2.544	971.3	415.4	2.016	1.105	206.0
SIERRA	2022	795.8	3.669	1.212	216.9	621.0	3.455	1.048	179.8
SIERRA	2023	1,573.1	3.665	2.588	429.2	456.2	2.798	1.197	163.1
SIERRA	2024	1,039.4	3.768	1.633	275.9	437.6	3.158	1.244	138.6
SIERRA	2025	468.9	3.096	1.322	151.4	396.6	2.868	1.138	138.3

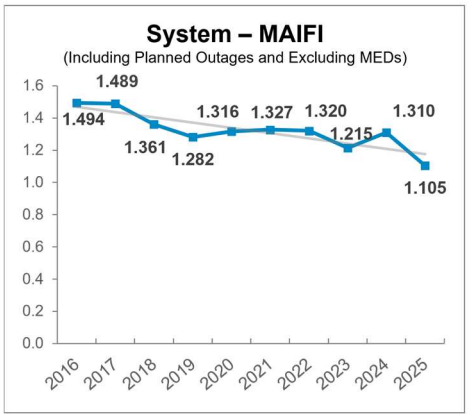
Division	Year	AIDI	AIFI	MAIFI	CAIDI	AIDI	AIFI	MAIFI	CAIDI
SONOMA	2016	114.5	0.931	1.605	123.0	107.7	0.887	1.508	121.3
SONOMA	2017	1,868.6	2.064	2.887	905.3	139.0	0.998	1.567	139.3
SONOMA	2018	150.4	1.152	1.242	130.5	147.9	1.133	1.203	130.5
SONOMA	2019	3,929.2	2.801	1.786	1402.9	202.1	1.325	1.358	152.5
SONOMA	2020	643.8	1.819	1.621	353.9	166.7	1.232	1.351	135.2
SONOMA	2021	454.1	1.989	1.891	228.3	221.2	1.492	1.429	148.2
SONOMA	2022	299.9	1.795	1.490	167.1	289.6	1.755	1.427	165.0
SONOMA	2023	572.0	2.015	1.210	283.9	226.6	1.516	0.665	149.5
SONOMA	2024	853.6	2.574	2.516	331.6	315.5	2.014	1.723	156.6
SONOMA	2025	377.9	1.886	1.212	200.3	237.8	1.713	1.011	138.9
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
STOCKTON	2016	118.1	1.087	1.778	108.7	102.1	0.994	1.664	102.7
STOCKTON	2017	289.5	1.718	1.930	168.5	102.3	1.033	1.270	99.1
STOCKTON	2018	239.2	1.232	2.000	194.1	121.8	1.115	1.878	109.3
STOCKTON	2019	1,602.3	2.465	1.920	650.0	196.8	1.372	1.146	143.4
STOCKTON	2020	678.8	1.680	1.596	403.9	149.3	1.271	1.315	117.5
STOCKTON	2021	1,152.2	2.178	2.421	529.0	208.5	1.323	1.481	157.6
STOCKTON	2022	516.0	2.037	1.198	253.3	277.9	1.811	1.071	153.5
STOCKTON	2023	668.6	2.723	2.148	245.5	317.1	2.067	1.342	153.4
STOCKTON	2024	416.0	2.131	1.630	195.2	281.0	1.817	1.351	154.7
STOCKTON	2025	308.5	1.879	1.085	164.2	190.8	1.535	0.944	124.3
Division	**Year**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**	**AIDI**	**AIFI**	**MAIFI**	**CAIDI**
YOSEMITE	2016	147.9	1.333	2.164	111.0	141.3	1.277	2.032	110.6
YOSEMITE	2017	323.8	1.796	3.053	180.2	155.5	1.242	2.155	125.2
YOSEMITE	2018	190.6	1.544	1.841	123.5	171.4	1.433	1.780	119.6
YOSEMITE	2019	1,425.6	2.767	2.689	515.2	186.0	1.581	1.607	117.6
YOSEMITE	2020	809.2	2.077	1.592	389.6	222.6	1.542	1.304	144.3
YOSEMITE	2021	1,366.4	3.353	2.644	407.6	479.6	2.359	1.818	203.3
YOSEMITE	2022	407.2	2.428	1.874	167.7	381.4	2.241	1.658	170.2
YOSEMITE	2023	1,154.1	3.363	2.614	343.2	459.3	2.435	1.710	188.6
YOSEMITE	2024	385.7	2.492	1.716	154.8	322.5	2.302	1.520	140.1
YOSEMITE	2025	316.9	2.056	1.393	154.1	307.4	1.987	1.358	154.7
Division	**Year**	**SAIDI**	**SAIFI**	**MAIFI**	**CAIDI**	**SAIDI**	**SAIFI**	**MAIFI**	**CAIDI**
SYSTEM	2016	121.9	1.103	1.603	110.6	108.9	1.021	1.494	106.7
SYSTEM	2017	374.2	1.549	2.297	241.6	113.4	0.958	1.489	118.3
SYSTEM	2018	309.4	1.175	1.428	263.3	126.3	1.080	1.361	117.0
SYSTEM	2019	1,395.4	1.996	1.793	699.3	148.8	1.128	1.282	131.9
SYSTEM	2020	478.4	1.556	1.571	307.5	153.2	1.179	1.316	130.0
SYSTEM	2021	626.3	1.837	1.907	341.0	218.2	1.318	1.327	165.5
SYSTEM	2022	326.3	1.778	1.409	183.5	255.7	1.630	1.320	156.9
SYSTEM	2023	711.9	2.222	2.006	320.4	256.1	1.558	1.215	164.4
SYSTEM	2024	510.1	2.161	1.666	236.0	276.4	1.832	1.310	150.9
SYSTEM	2025	296.5	1.756	1.242	168.8	223.6	1.604	1.105	139.4

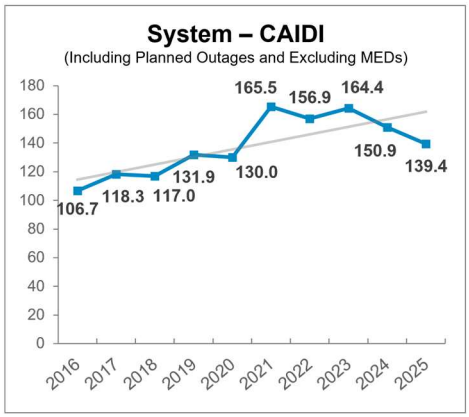
ii. Charts for System and Division Indices for the Past 10 Years

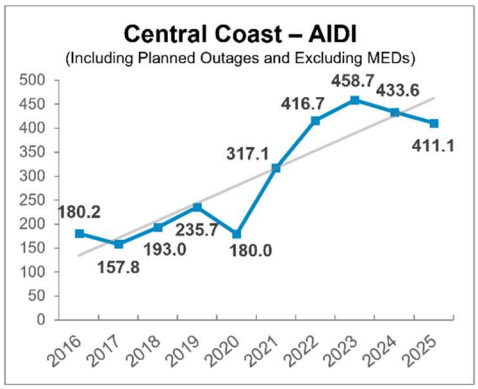
a. Including Planned Outages and Excluding MEDs

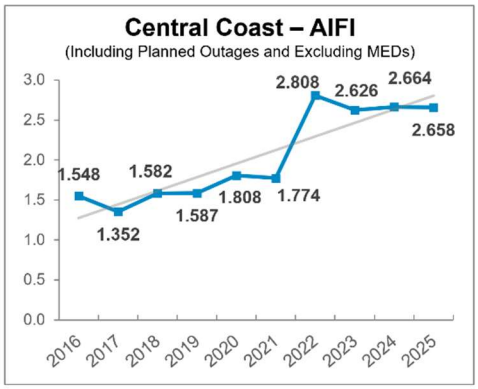


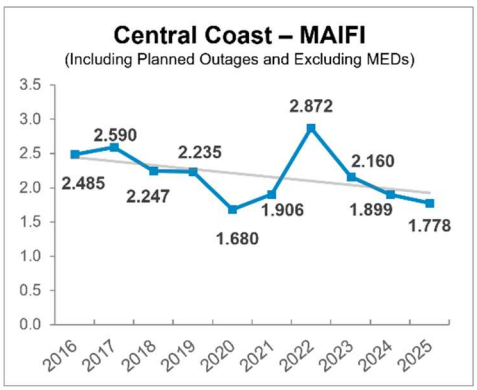


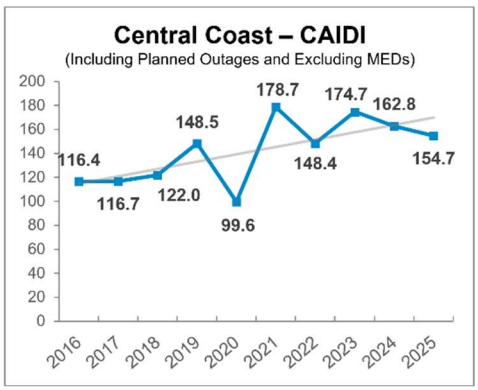


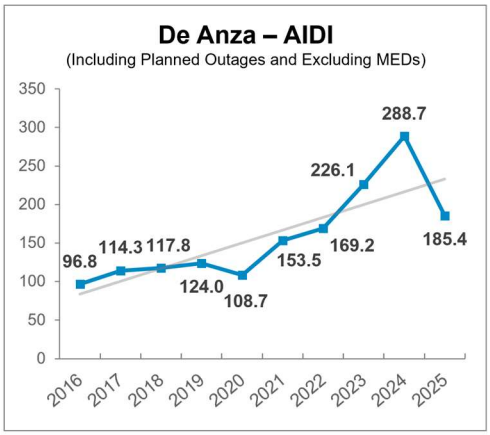


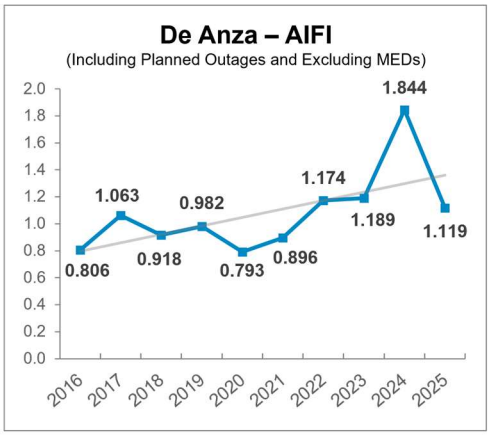









De Anza – AIDI
(Including Planned Outages and Excluding MEDs)
96.8
114.3
117.8
124.0
108.7
153.5
169.2
226.1
288.7
185.4


De Anza – AIFI
(Including Planned Outages and Excluding MEDs)
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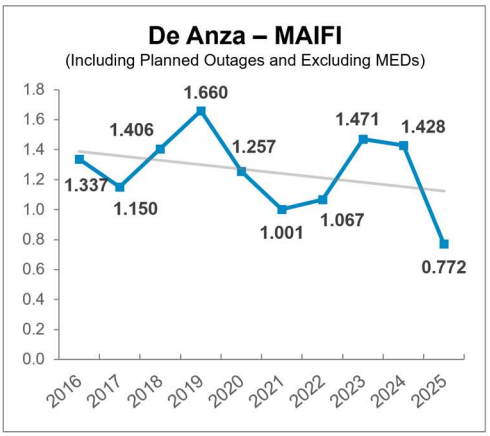
1.063
0.918
0.982
0.793
0.896
1.174
1.189
1.844
1.119


De Anza – MAIFI
(Including Planned Outages and Excluding MEDs)
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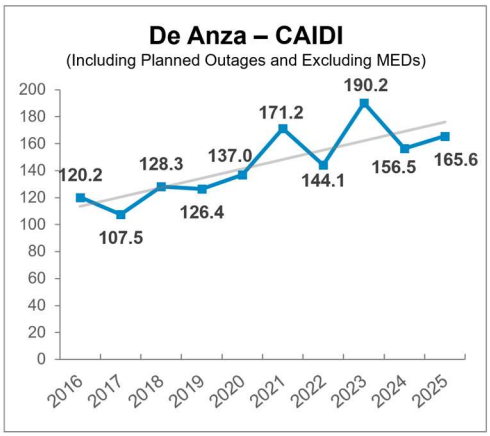
1.406
1.150
1.660
1.257
1.001
1.067
1.471
1.428
0.772


De Anza – CAIDI
(Including Planned Outages and Excluding MEDs)
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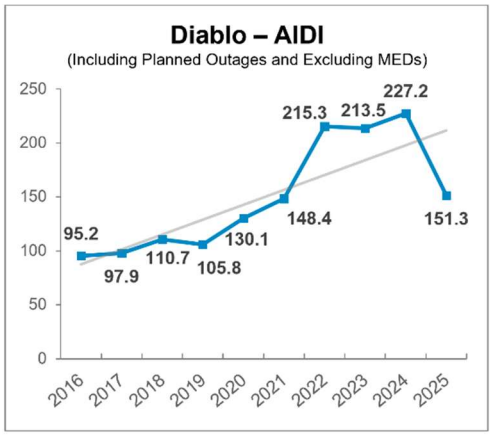
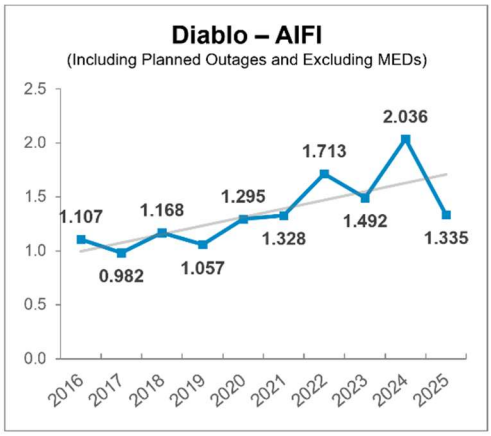
107.5
128.3
126.4
137.0
171.2
144.1
190.2
156.5
165.6


Diablo – AIDI
(Including Planned Outages and Excluding MEDs)
95.2
97.9
110.7
105.8
130.1
148.4
215.3
213.5
227.2
151.3


Diablo – AIFI
(Including Planned Outages and Excluding MEDs)
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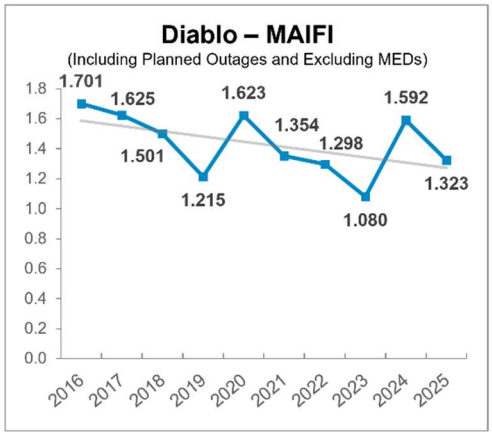
1.057
1.295
1.328
1.713
1.492
2.036
1.335


Diablo – MAIFI
(Including Planned Outages and Excluding MEDs)
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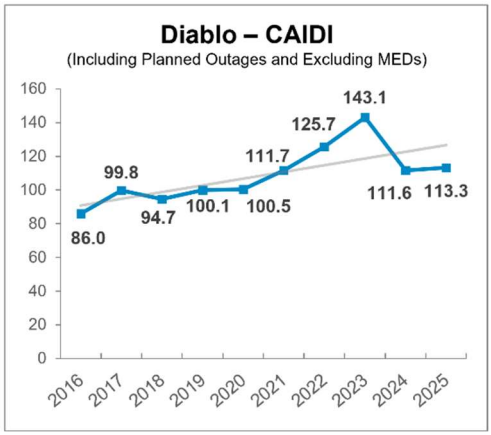
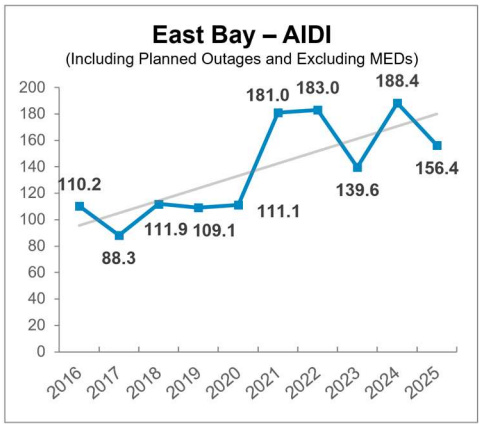
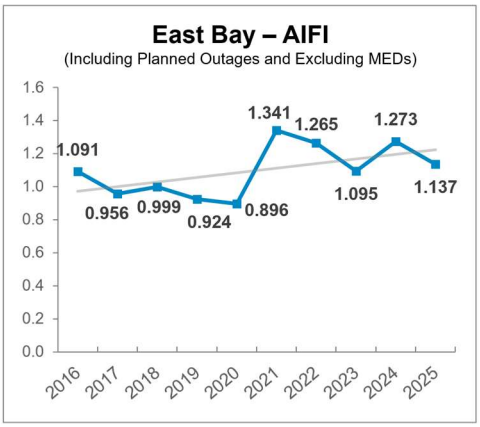
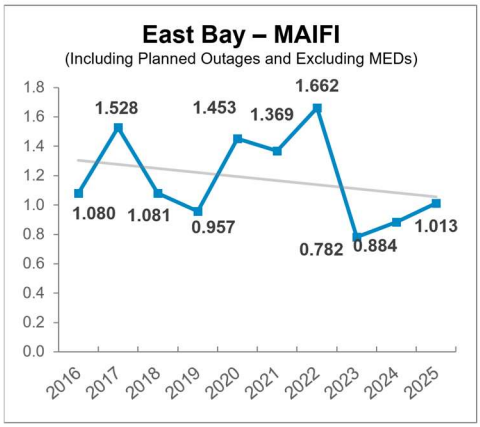
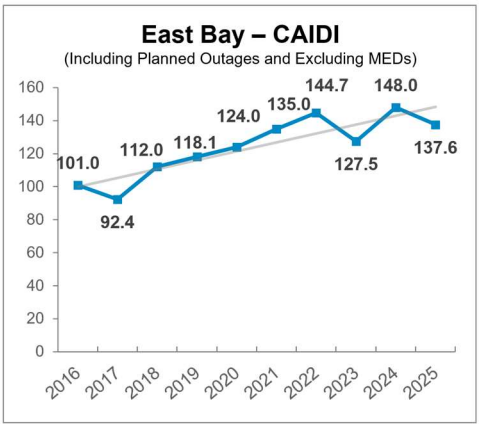
1.215
1.623
1.354
1.298
1.080
1.592
1.323

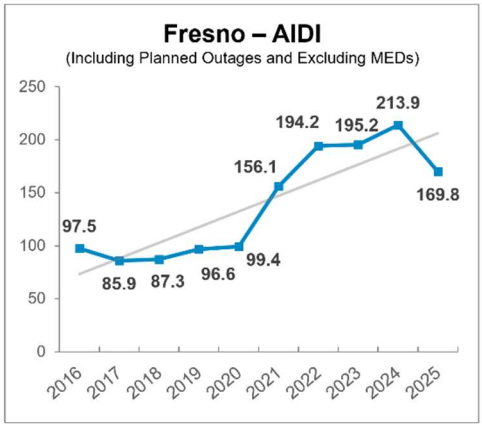

Diablo – CAIDI
(Including Planned Outages and Excluding MEDs)
86.0
99.8
94.7
100.1
100.5
111.7
125.7
111.6
143.1
113.3

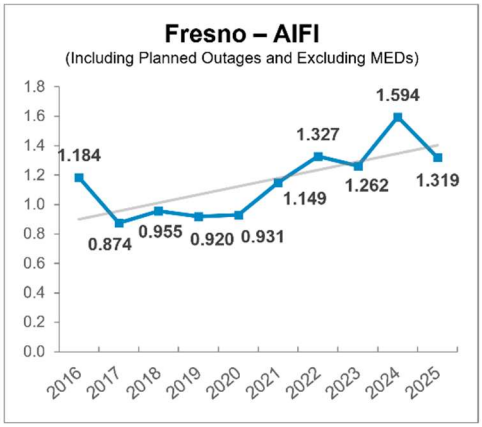

East Bay – AIDI
(Including Planned Outages and Excluding MEDs)
110.2
88.3
111.9
109.1
111.1
181.0
183.0
139.6
188.4
156.4

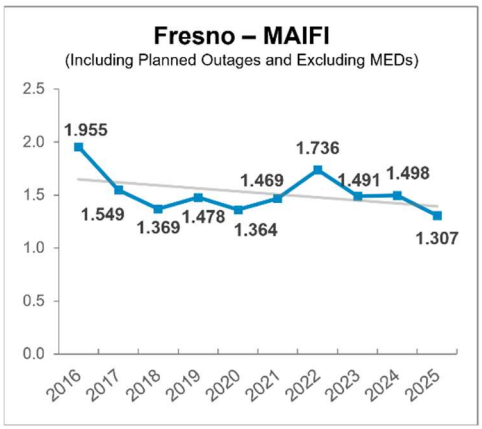

East Bay – AIFI
(Including Planned Outages and Excluding MEDs)
1.091
0.956
0.999
0.924
0.896
1.341
1.265
1.095
1.273
1.137

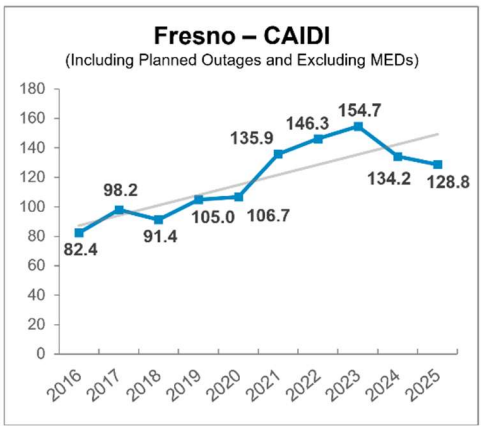

East Bay – MAIFI
(Including Planned Outages and Excluding MEDs)
1.080
1.528
1.081
0.957
1.453
1.369
1.662
0.782
0.884
1.013

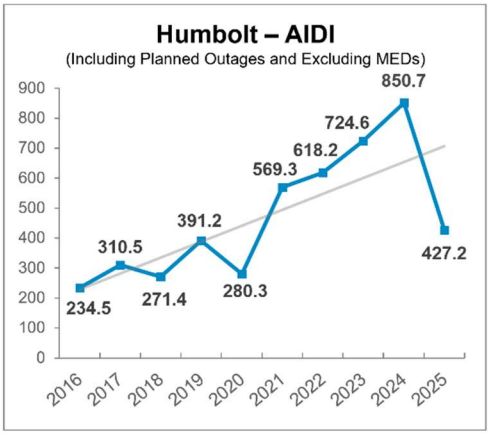

East Bay – CAIDI
(Including Planned Outages and Excluding MEDs)
101.0
92.4
112.0
118.1
124.0
135.0
144.7
127.5
148.0
137.6

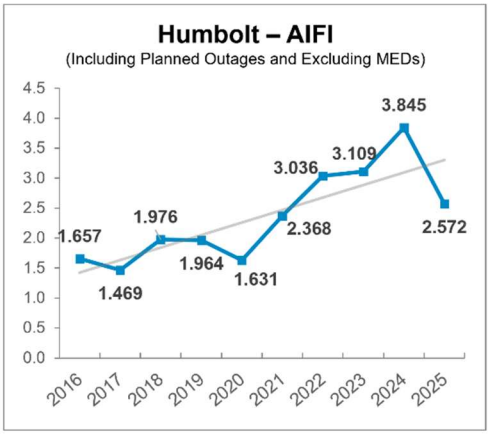

Fresno – AIDI
(Including Planned Outages and Excluding MEDs)
97.5
85.9
87.3
96.6
99.4
156.1
194.2
195.2
213.9
169.8

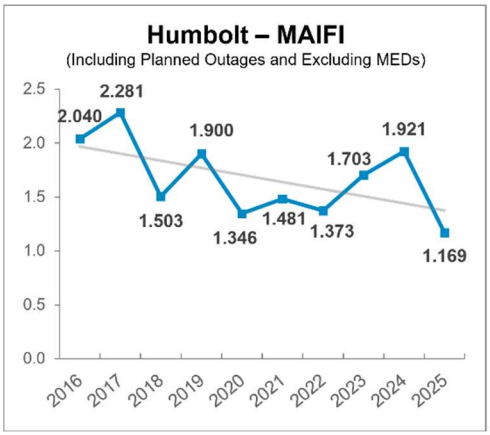

Fresno – AIFI
(Including Planned Outages and Excluding MEDs)
1.184
0.874
0.955
0.920
0.931
1.149
1.327
1.262
1.594
1.319

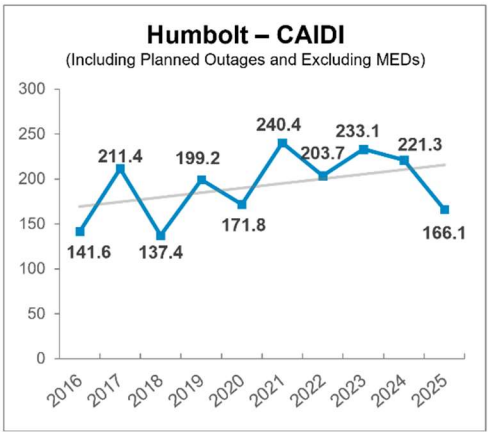

Fresno – MAIFI
(Including Planned Outages and Excluding MEDs)
1.955
1.549
1.369
1.478
1.364
1.469
1.736
1.491
1.498
1.307

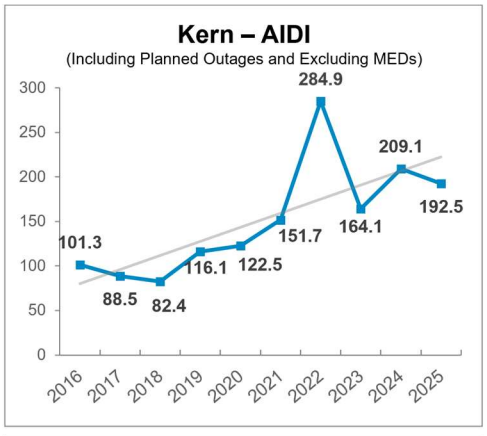

Fresno – CAIDI
(Including Planned Outages and Excluding MEDs)
82.4
98.2
91.4
105.0
106.7
135.9
146.3
154.7
134.2
128.8

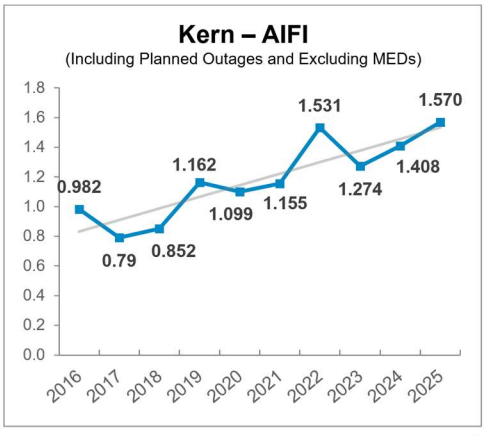

Humbolt – AIDI
(Including Planned Outages and Excluding MEDs)
234.5
310.5
271.4
391.2
280.3
569.3
618.2
724.6
850.7
427.2

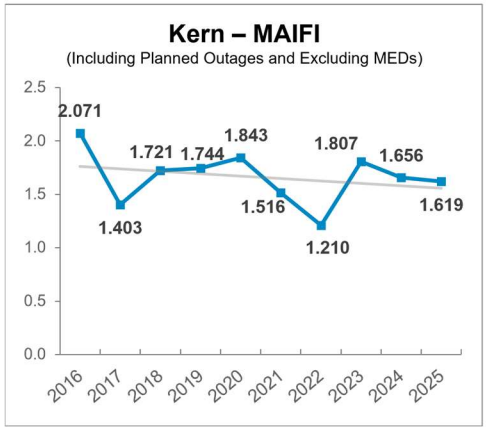

Humbolt – AIFI
(Including Planned Outages and Excluding MEDs)
1.657
1.469
1.976
1.964
1.631
2.368
3.036
3.109
3.845
2.572

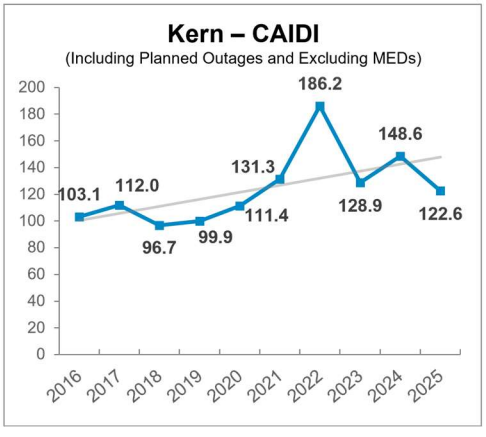

Humbolt – MAIFI
(Including Planned Outages and Excluding MEDs)
2.040
2.281
1.503
1.900
1.346
1.481
1.373
1.703
1.921
1.169

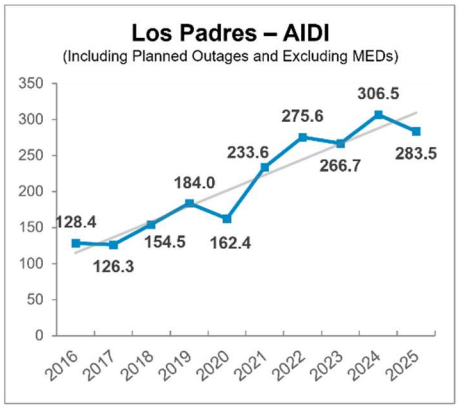

Humbolt – CAIDI
(Including Planned Outages and Excluding MEDs)
141.6
211.4
137.4
199.2
171.8
240.4
203.7
233.1
221.3
166.1

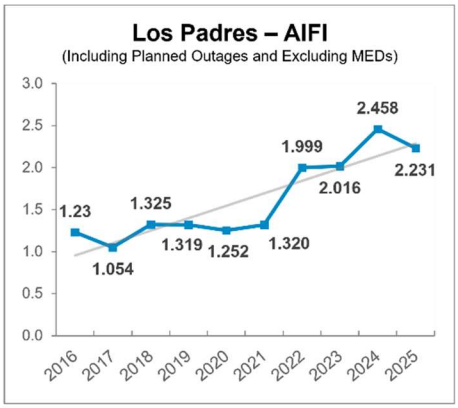

Kern – AIDI
(Including Planned Outages and Excluding MEDs)
101.3
88.5
82.4
116.1
122.5
151.7
284.9
164.1
209.1
192.5

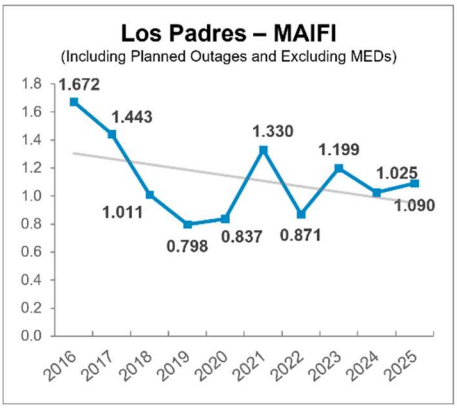

Kern – AIFI
(Including Planned Outages and Excluding MEDs)
0.982
0.79
0.852
1.162
1.099
1.155
1.531
1.274
1.408
1.570

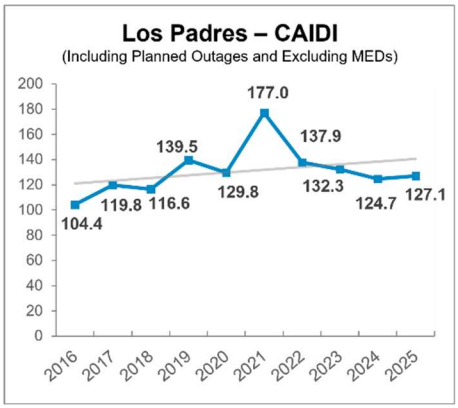

Kern – MAIFI
(Including Planned Outages and Excluding MEDs)
2.071
1.403
1.721
1.744
1.843
1.516
1.210
1.807
1.656
1.619

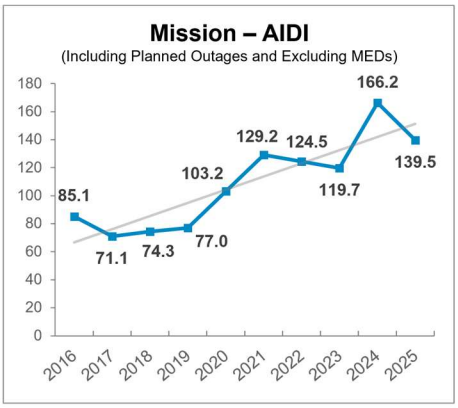

Kern – CAIDI
(Including Planned Outages and Excluding MEDs)
103.1
112.0
96.7
99.9
131.3
111.4
186.2
128.9
148.6
122.6

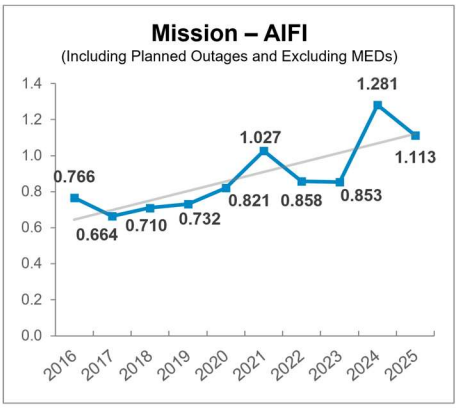

Los Padres – AIDI
(Including Planned Outages and Excluding MEDs)
128.4
126.3
154.5
184.0
162.4
233.6
275.6
266.7
306.5
283.5

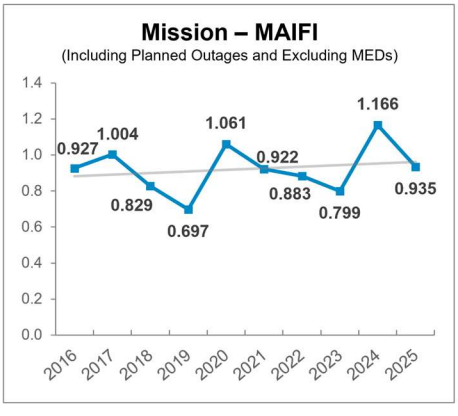

Los Padres – AIFI
(Including Planned Outages and Excluding MEDs)
1.23
1.054
1.325
1.319
1.252
1.320
1.999
2.016
2.458
2.231

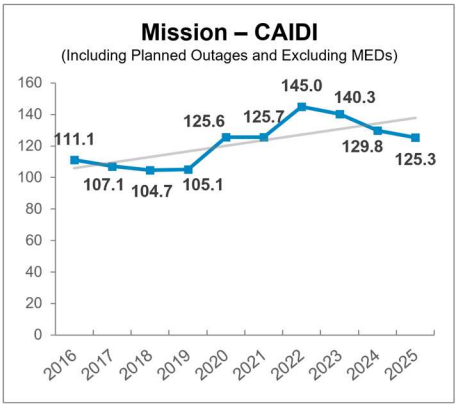

Los Padres – MAIFI
(Including Planned Outages and Excluding MEDs)
1.672
1.443
1.011
0.798
0.837
1.330
0.871
1.199
1.025
1.090

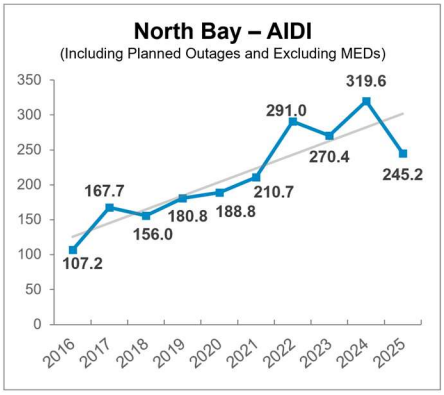

Los Padres – CAIDI
(Including Planned Outages and Excluding MEDs)
104.4
119.8
116.6
139.5
129.8
177.0
132.3
137.9
124.7
127.1

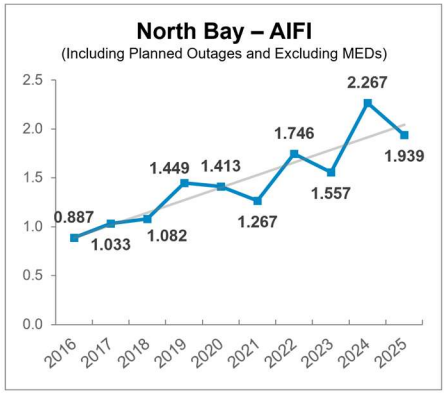

Mission – AIDI
(Including Planned Outages and Excluding MEDs)
85.1
71.1
74.3
77.0
103.2
129.2
124.5
119.7
166.2
139.5

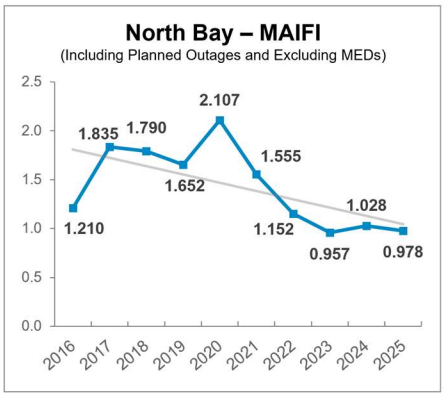

Mission – AIFI
(Including Planned Outages and Excluding MEDs)
0.766
0.664
0.710
0.732
0.821
1.027
0.858
0.853
1.281
1.113

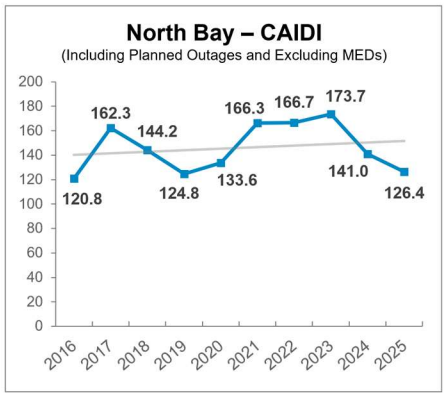

Mission – MAIFI
(Including Planned Outages and Excluding MEDs)
0.927
1.004
0.829
0.697
1.061
0.922
0.883
0.799
1.166
0.935

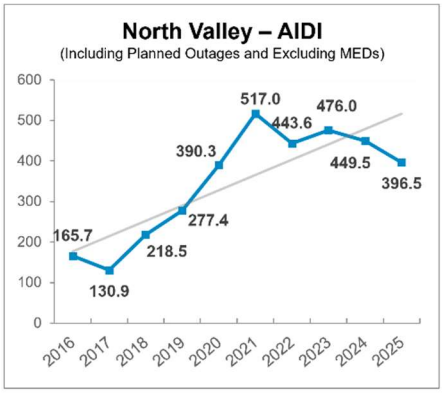

Mission – CAIDI
(Including Planned Outages and Excluding MEDs)
111.1
107.1
104.7
105.1
125.6
125.7
145.0
140.3
129.8
125.3

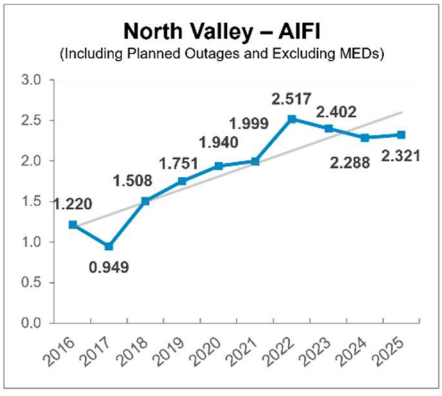

North Bay – AIDI
(Including Planned Outages and Excluding MEDs)
107.2
167.7
156.0
180.8
188.8
210.7
291.0
270.4
319.6
245.2

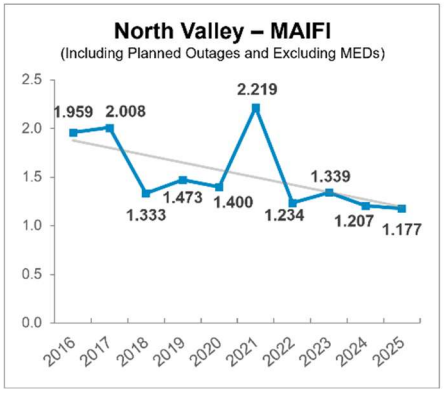

North Bay – AIFI
(Including Planned Outages and Excluding MEDs)
0.887
1.033
1.082
1.449
1.413
1.267
1.746
1.557
2.267
1.939

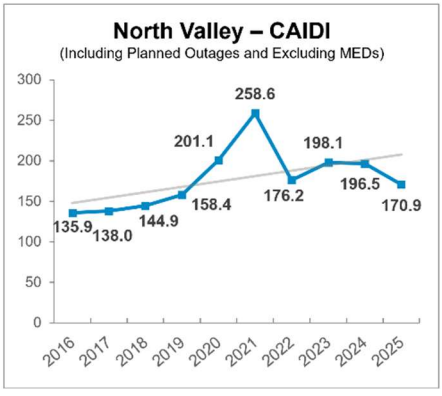

North Bay – MAIFI
(Including Planned Outages and Excluding MEDs)
1.210
1.835
1.790
1.652
2.107
1.555
1.152
0.957
1.028
0.978

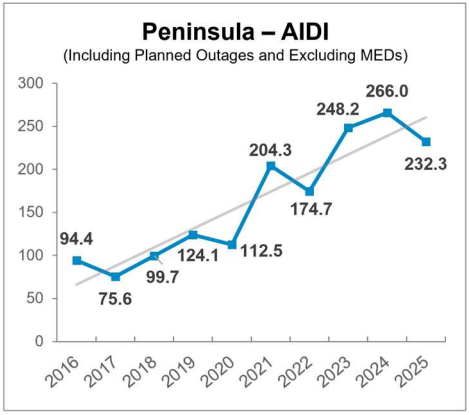

North Bay – CAIDI
(Including Planned Outages and Excluding MEDs)
120.8
162.3
144.2
124.8
133.6
166.3
166.7
173.7
141.0
126.4

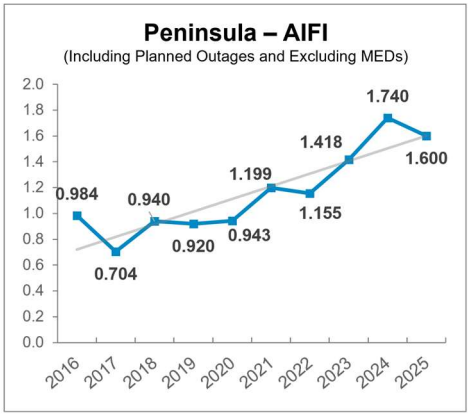

North Valley – AIDI
(Including Planned Outages and Excluding MEDs)
165.7
130.9
218.5
277.4
390.3
517.0
443.6
476.0
449.5
396.5

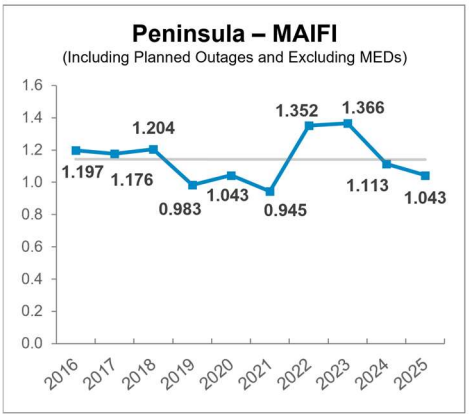

North Valley – AIFI
(Including Planned Outages and Excluding MEDs)
1.220
0.949
1.508
1.751
1.940
1.999
2.517
2.288
2.402
2.321

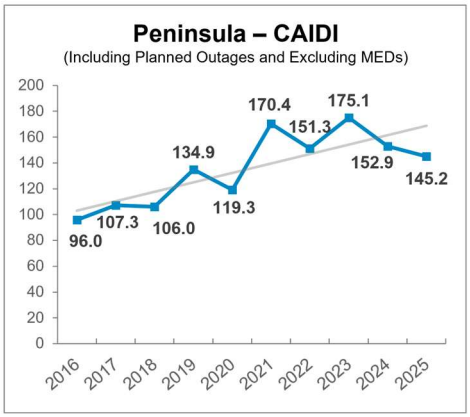

North Valley – MAIFI
(Including Planned Outages and Excluding MEDs)
1.959
2.008
1.333
1.473
1.400
2.219
1.234
1.339
1.207
1.177

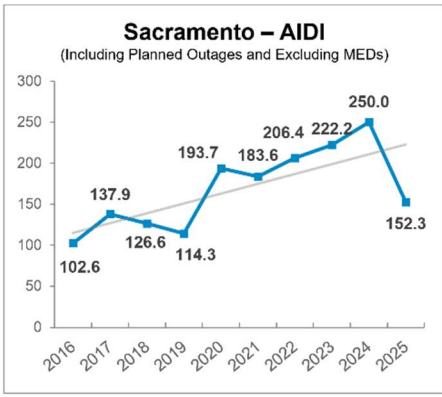

North Valley – CAIDI
(Including Planned Outages and Excluding MEDs)
135.9
138.0
144.9
158.4
201.1
258.6
176.2
198.1
196.5
170.9

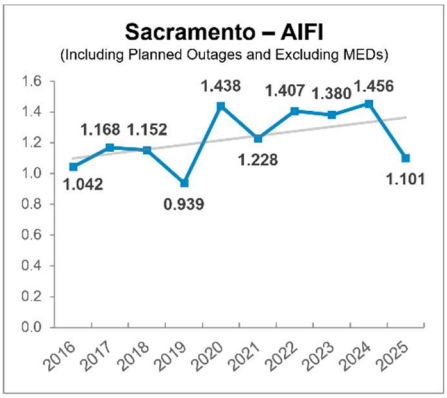

Peninsula – AIDI
(Including Planned Outages and Excluding MEDs)
94.4
75.6
99.7
124.1
112.5
204.3
174.7
248.2
266.0
232.3

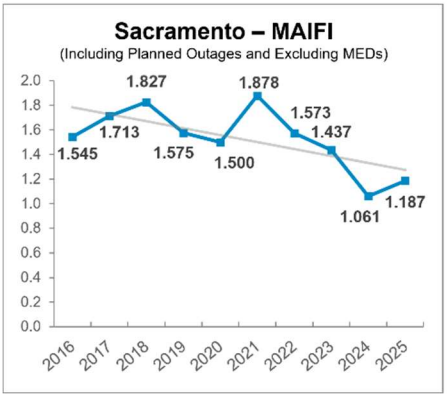

Peninsula – AIFI
(Including Planned Outages and Excluding MEDs)
0.984
0.704
0.940
0.920
0.943
1.199
1.155
1.418
1.740
1.600

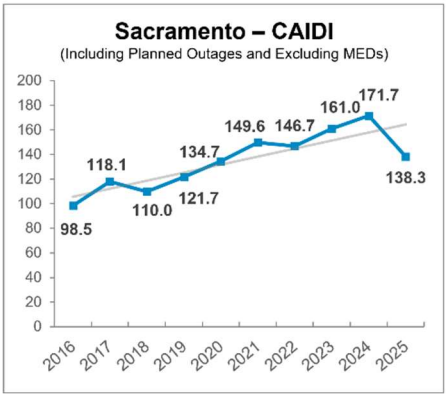

Peninsula – MAIFI
(Including Planned Outages and Excluding MEDs)
1.197
1.176
1.204
0.983
1.043
0.945
1.352
1.366
1.113
1.043

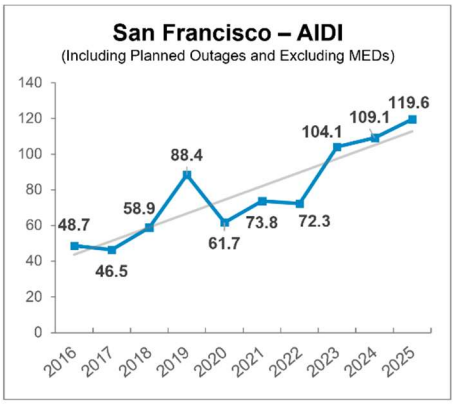

Peninsula – CAIDI
(Including Planned Outages and Excluding MEDs)
96.0
107.3
106.0
134.9
119.3
170.4
151.3
175.1
152.9
145.2

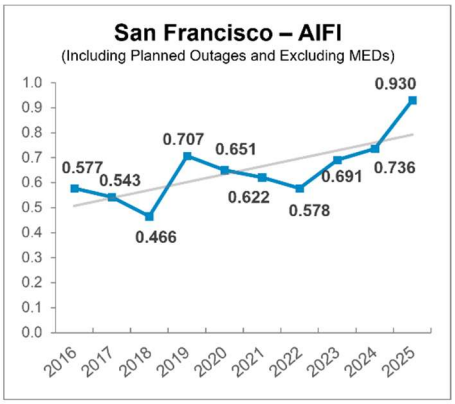

Sacramento – AIDI
(Including Planned Outages and Excluding MEDs)
102.6
137.9
126.6
114.3
193.7
183.6
206.4
222.2
250.0
152.3

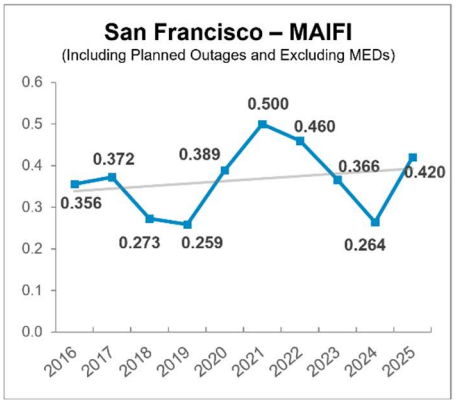

Sacramento – AIFI
(Including Planned Outages and Excluding MEDs)
1.042
1.168
1.152
0.939
1.438
1.228
1.407
1.380
1.456
1.101

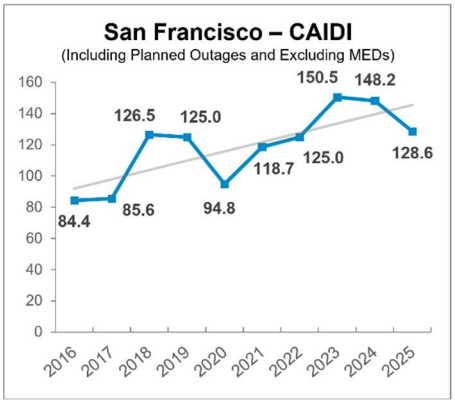

Sacramento – MAIFI
(Including Planned Outages and Excluding MEDs)
1.545
1.713
1.827
1.575
1.500
1.878
1.573
1.437
1.061
1.187

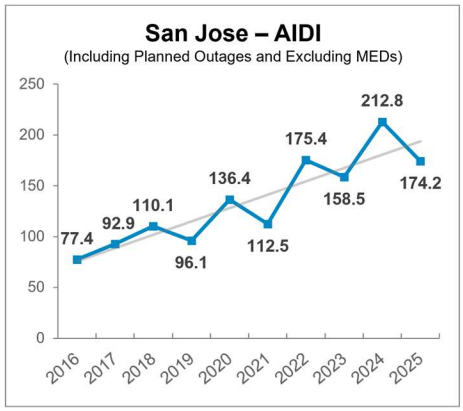

Sacramento – CAIDI
(Including Planned Outages and Excluding MEDs)
98.5
118.1
110.0
121.7
134.7
149.6
146.7
161.0
171.7
138.3

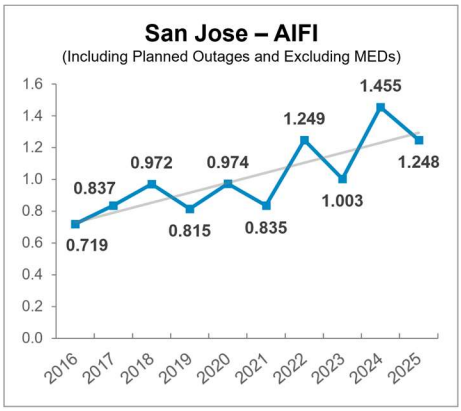

San Francisco – AIDI
(Including Planned Outages and Excluding MEDs)
48.7
46.5
58.9
88.4
61.7
73.8
72.3
104.1
109.1
119.6

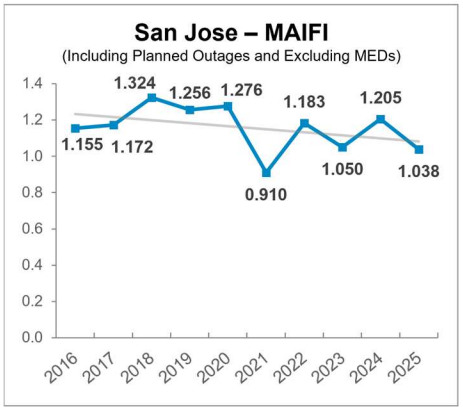

San Francisco – AIFI
(Including Planned Outages and Excluding MEDs)
0.577
0.543
0.466
0.707
0.651
0.622
0.578
0.691
0.736
0.930

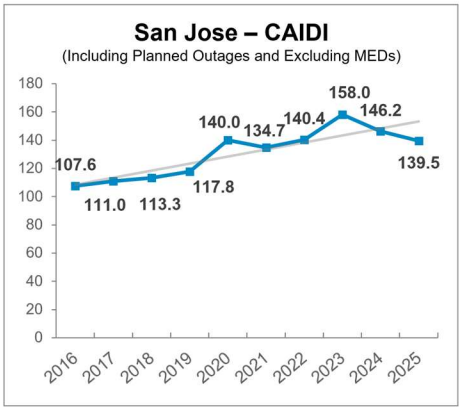

San Francisco – MAIFI
(Including Planned Outages and Excluding MEDs)
0.356
0.372
0.273
0.389
0.259
0.500
0.460
0.366
0.264
0.420

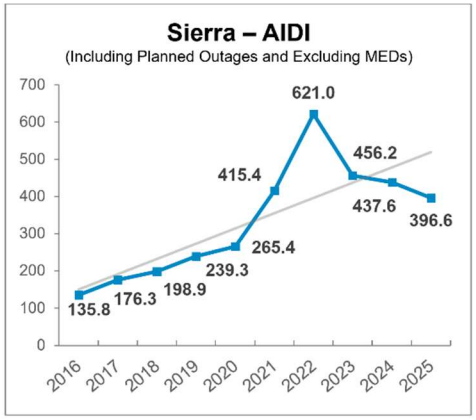

San Francisco – CAIDI
(Including Planned Outages and Excluding MEDs)
84.4
126.5
85.6
125.0
94.8
118.7
150.5
125.0
148.2
128.6

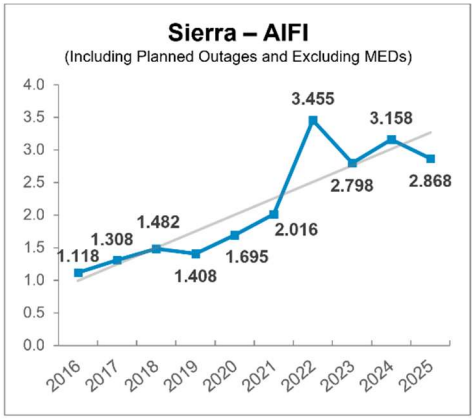

San Jose – AIDI
(Including Planned Outages and Excluding MEDs)
77.4
92.9
110.1
96.1
136.4
112.5
175.4
158.5
212.8
174.2

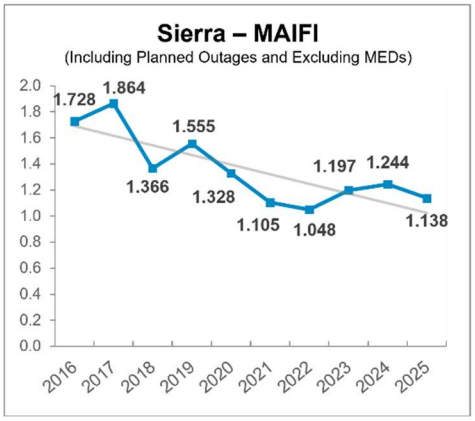

San Jose – AIFI
(Including Planned Outages and Excluding MEDs)
0.719
0.837
0.972
0.815
0.974
0.835
1.249
1.003
1.455
1.248

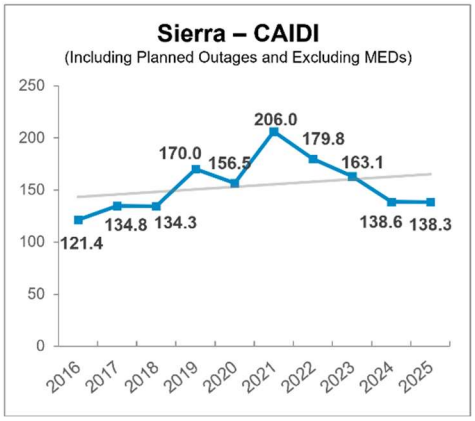

San Jose – MAIFI
(Including Planned Outages and Excluding MEDs)
1.155
1.172
1.324
1.256
1.276
0.910
1.183
1.050
1.205
1.038

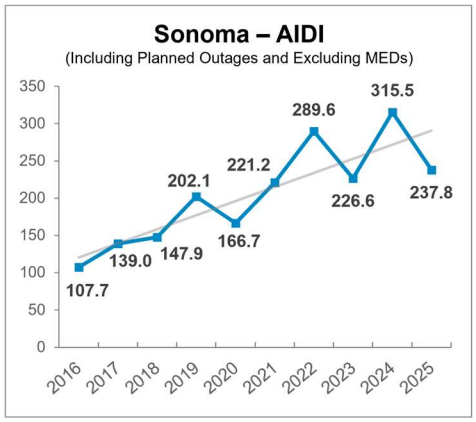

San Jose – CAIDI
(Including Planned Outages and Excluding MEDs)
107.6
111.0
113.3
117.8
140.0
134.7
140.4
158.0
146.2
139.5

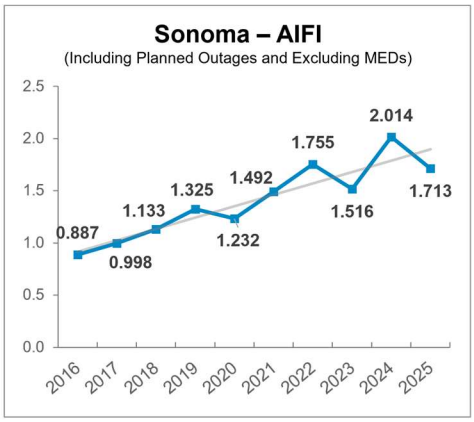

Sierra – AIDI
(Including Planned Outages and Excluding MEDs)
135.8
176.3
198.9
239.3
265.4
415.4
621.0
456.2
437.6
396.6

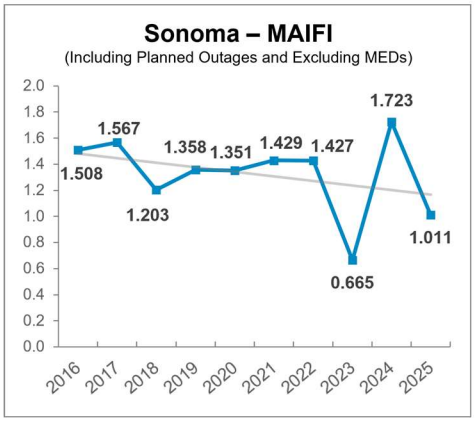

Sierra – AIFI
(Including Planned Outages and Excluding MEDs)
1.118
1.308
1.482
1.408
1.695
2.016
3.455
2.798
3.158
2.868

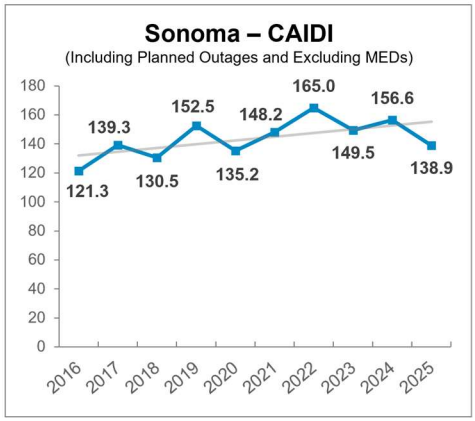

Sierra – MAIFI
(Including Planned Outages and Excluding MEDs)
1.728
1.864
1.366
1.555
1.328
1.105
1.048
1.197
1.244
1.138

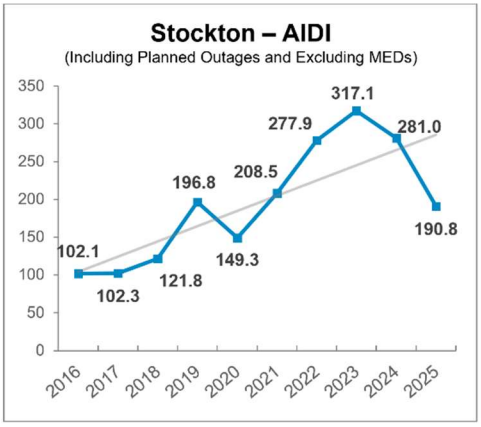

Sierra – CAIDI
(Including Planned Outages and Excluding MEDs)
121.4
134.8
134.3
170.0
156.5
206.0
179.8
163.1
138.6
138.3

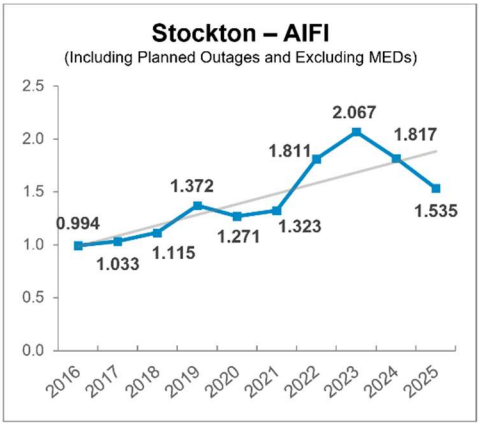

Sonoma – AIDI
(Including Planned Outages and Excluding MEDs)
107.7
139.0
147.9
202.1
166.7
221.2
289.6
226.6
315.5
237.8

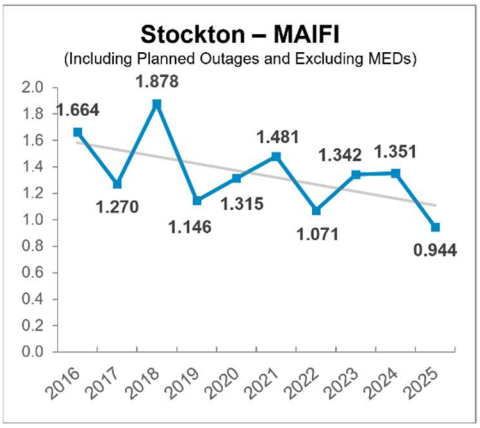

Sonoma – AIFI
(Including Planned Outages and Excluding MEDs)
0.887
0.998
1.133
1.325
1.232
1.492
1.755
1.516
2.014
1.713

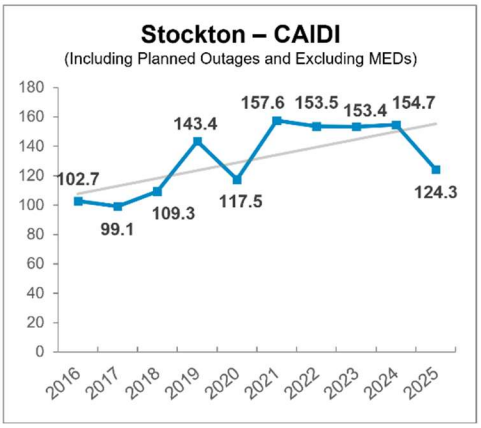

Sonoma – MAIFI
(Including Planned Outages and Excluding MEDs)
1.508
1.567
1.203
1.358
1.351
1.429
1.427
0.665
1.723
1.011

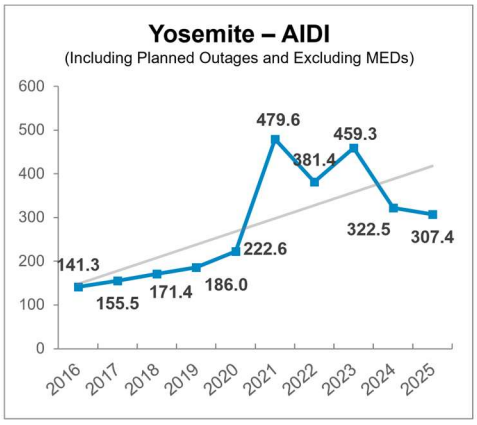

Sonoma – CAIDI
(Including Planned Outages and Excluding MEDs)
121.3
139.3
130.5
152.5
135.2
148.2
165.0
149.5
156.6
138.9

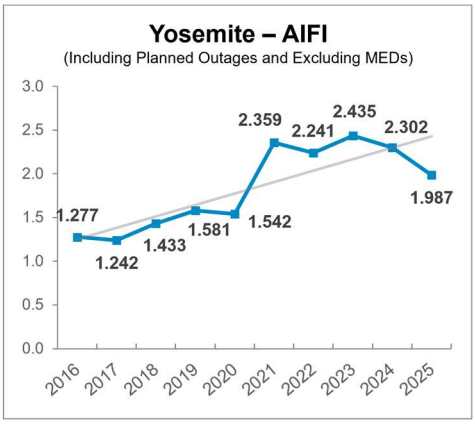

Stockton – AIDI
(Including Planned Outages and Excluding MEDs)
102.1
102.3
121.8
196.8
149.3
208.5
277.9
317.1
281.0
190.8

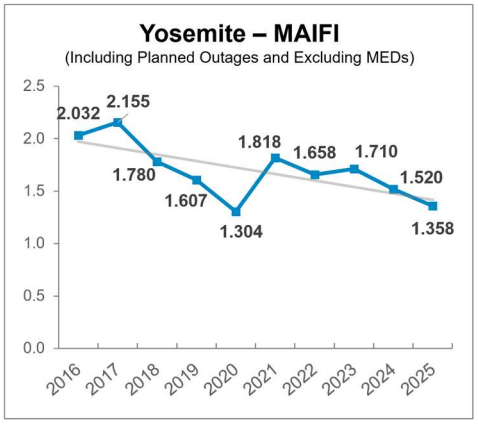

Stockton – AIFI
(Including Planned Outages and Excluding MEDs)
0.994
1.033
1.115
1.372
1.271
1.323
1.811
2.067
1.817
1.535

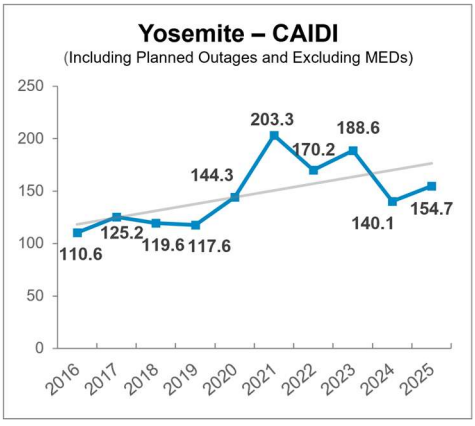

Stockton – MAIFI
(Including Planned Outages and Excluding MEDs)
1.664
1.270
1.878
1.146
1.315
1.481
1.071
1.342
1.351
0.944


Stockton – CAIDI
(Including Planned Outages and Excluding MEDs)
102.7
99.1
109.3
143.4
117.5
157.6
153.5
153.4
154.7
124.3

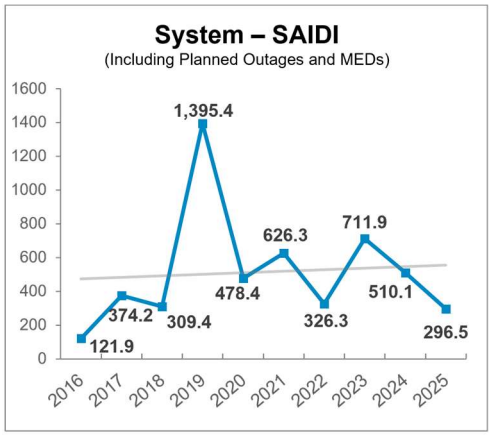

Yosemite – AIDI
(Including Planned Outages and Excluding MEDs)
141.3
155.5
171.4
186.0
222.6
479.6
381.4
459.3
322.5
307.4

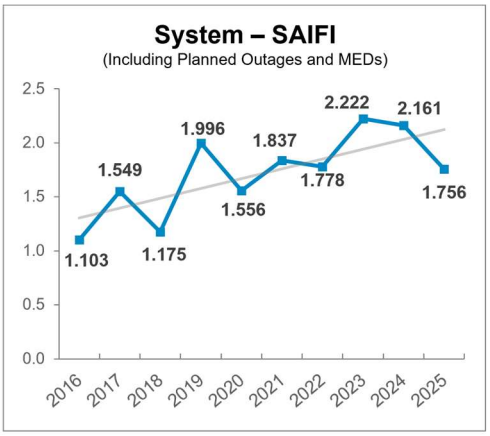

Yosemite – AIFI
(Including Planned Outages and Excluding MEDs)
1.277
1.242
1.433
1.581
1.542
2.359
2.241
2.435
2.302
1.987

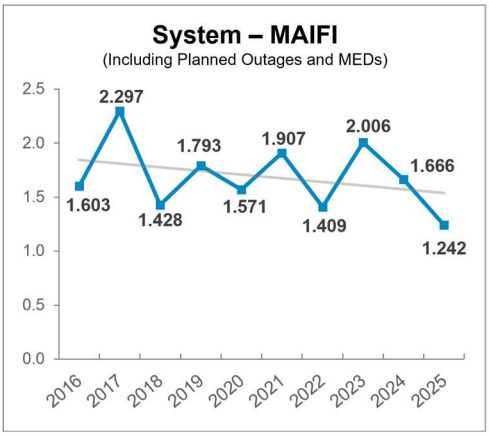

Yosemite – MAIFI
(Including Planned Outages and Excluding MEDs)
2.032
2.155
1.780
1.607
1.304
1.818
1.658
1.710
1.520
1.358

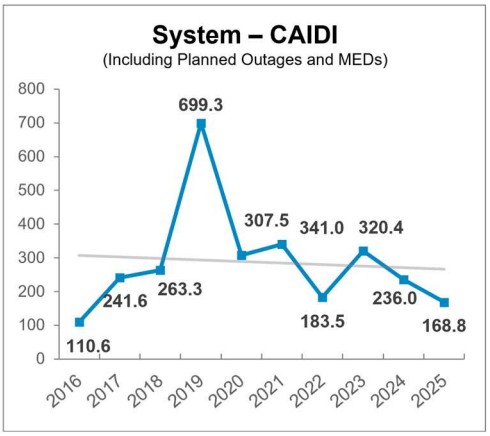

Yosemite – CAIDI
(Including Planned Outages and Excluding MEDs)
110.6
125.2
119.6
117.6
144.3
203.3
170.2
188.6
140.1
154.7

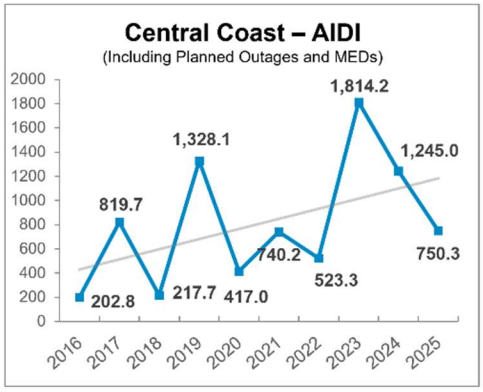
b. Including Planned Outages and MEDs

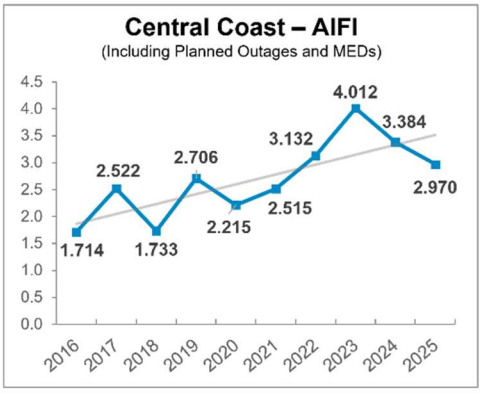


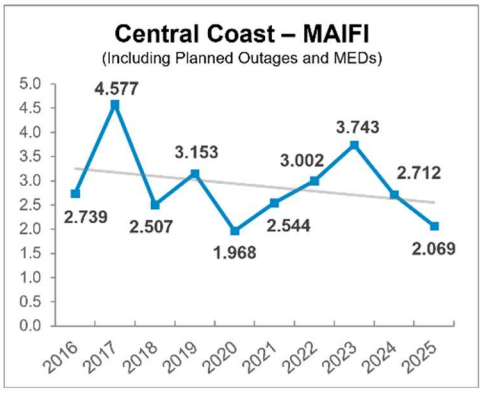


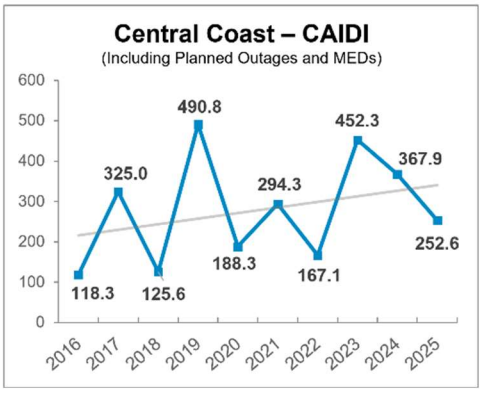


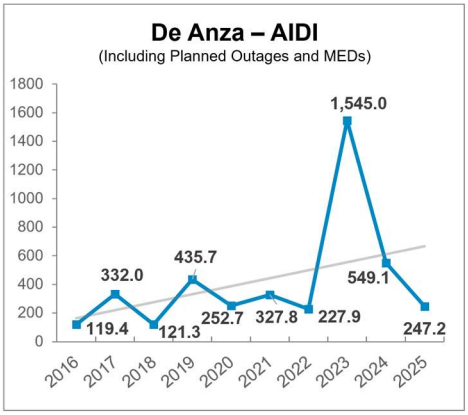


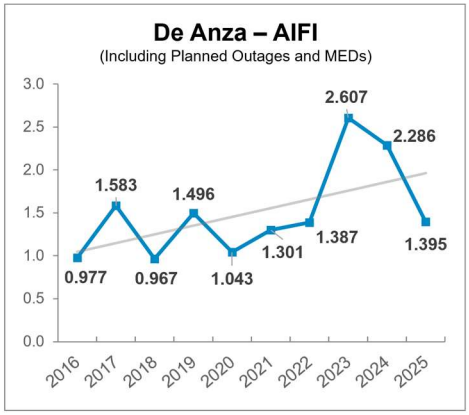


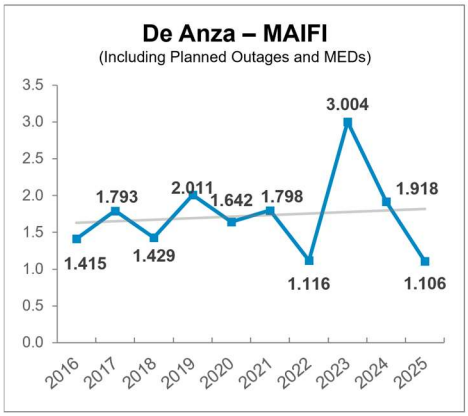


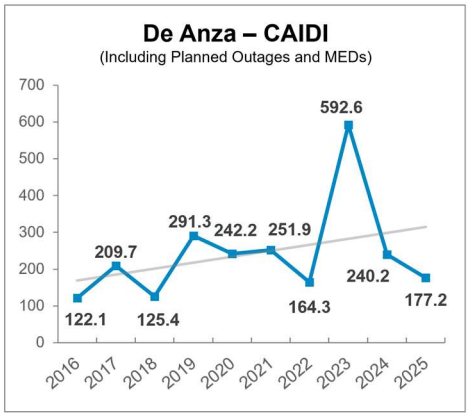


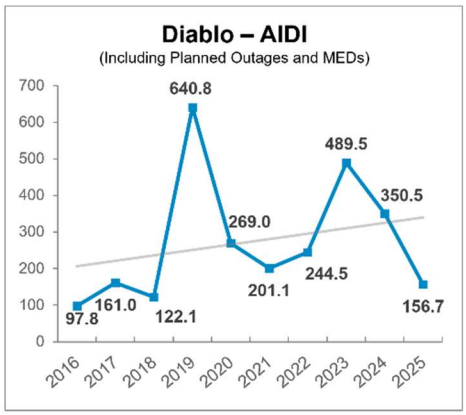


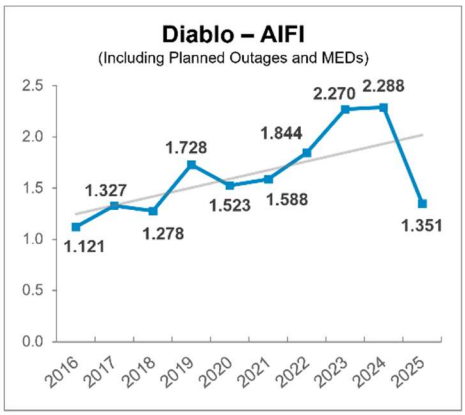

De Anza – AIDI
(Including Planned Outages and MEDs)
1800
1600
1400
1200
1000
800
600
400
200
0
119.4
332.0
121.3
435.7
252.7
327.8
227.9
1,545.0
549.1
247.2
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

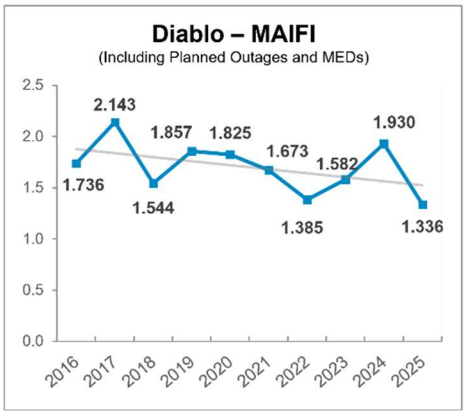

De Anza – AIFI
(Including Planned Outages and MEDs)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.977
1.583
0.967
1.496
1.043
1.301
1.387
2.607
2.286
1.395
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

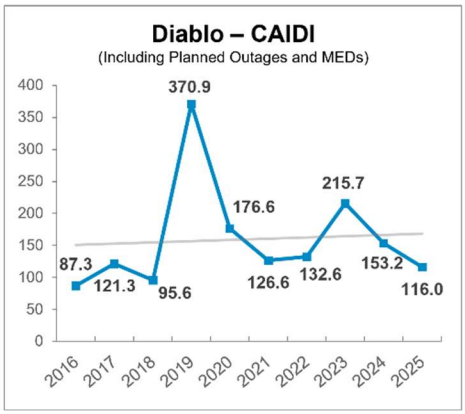

De Anza – MAIFI
(Including Planned Outages and MEDs)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.415
1.793
1.429
2.011
1.642
1.798
1.116
3.004
1.918
1.106
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

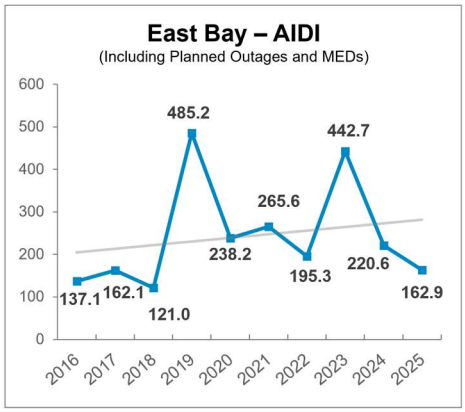

De Anza – CAIDI
(Including Planned Outages and MEDs)
700
600
500
400
300
200
100
0
122.1
209.7
125.4
291.3
242.2
251.9
164.3
592.6
240.2
177.2
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

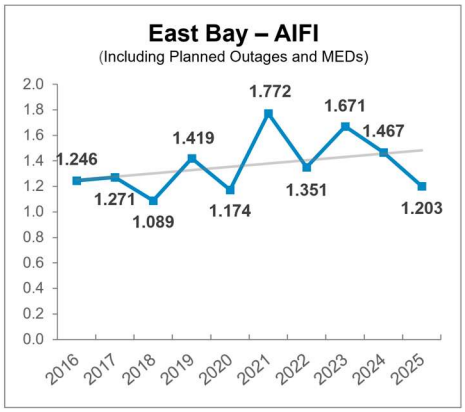

Diablo – AIDI
(Including Planned Outages and MEDs)
700
600
500
400
300
200
100
0
97.8
161.0
122.1
640.8
269.0
201.1
244.5
489.5
350.5
156.7
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

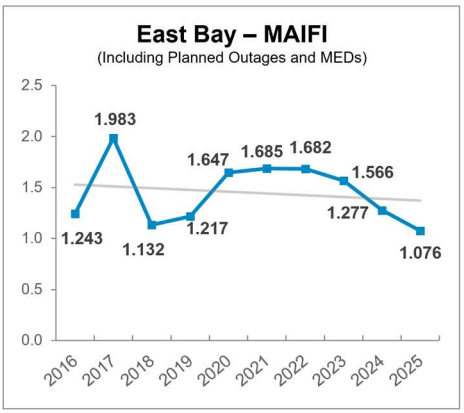

Diablo – AIFI
(Including Planned Outages and MEDs)
2.5
2.0
1.5
1.0
0.5
0.0
1.121
1.327
1.278
1.728
1.523
1.588
1.844
2.270
2.288
1.351
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

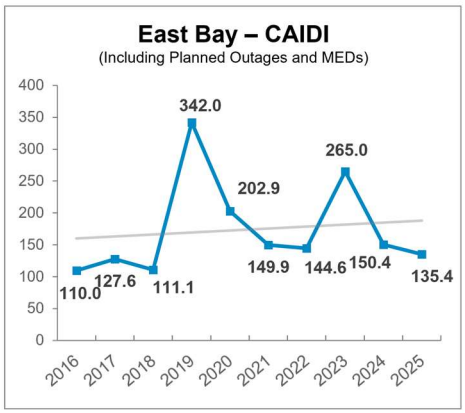

Diablo – MAIFI
(Including Planned Outages and MEDs)
2.5
2.0
1.5
1.0
0.5
0.0
1.736
2.143
1.544
1.857
1.825
1.673
1.385
1.582
1.930
1.336
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

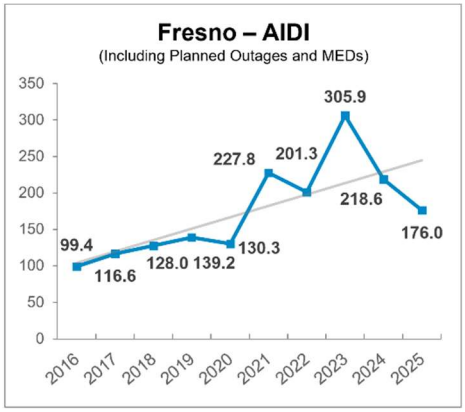

Diablo – CAIDI
(Including Planned Outages and MEDs)
400
350
300
250
200
150
100
50
0
87.3
121.3
95.6
370.9
176.6
126.6
132.6
215.7
153.2
116.0
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

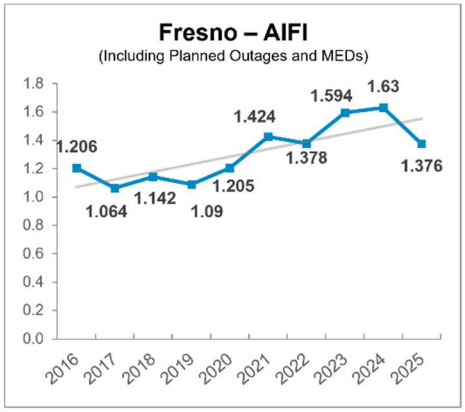

East Bay – AIDI
(Including Planned Outages and MEDs)
137.1
162.1
121.0
485.2
238.2
265.6
195.3
442.7
220.6
162.9

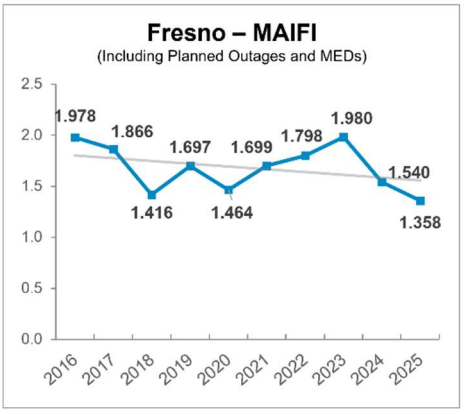

East Bay – AIFI
(Including Planned Outages and MEDs)
1.246
1.271
1.089
1.419
1.174
1.772
1.351
1.671
1.467
1.203

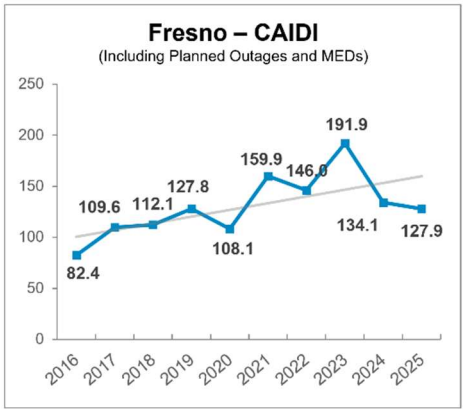

East Bay – MAIFI
(Including Planned Outages and MEDs)
1.243
1.983
1.132
1.217
1.647
1.685
1.682
1.566
1.277
1.076

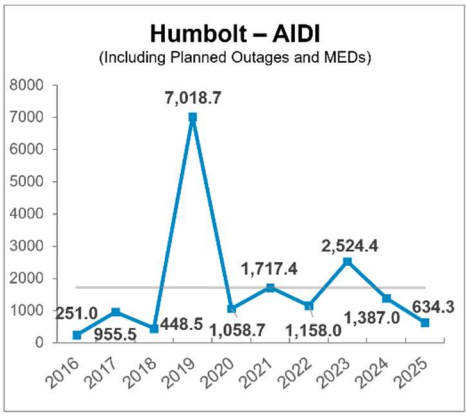

East Bay – CAIDI
(Including Planned Outages and MEDs)
110.0
127.6
111.1
342.0
202.9
149.9
144.6
265.0
150.4
135.4

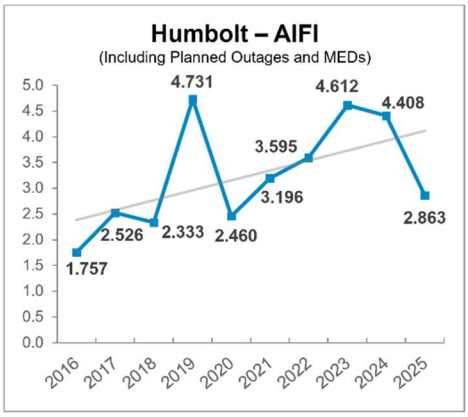

Fresno – AIDI
(Including Planned Outages and MEDs)
99.4
116.6
128.0
139.2
130.3
227.8
201.3
305.9
218.6
176.0

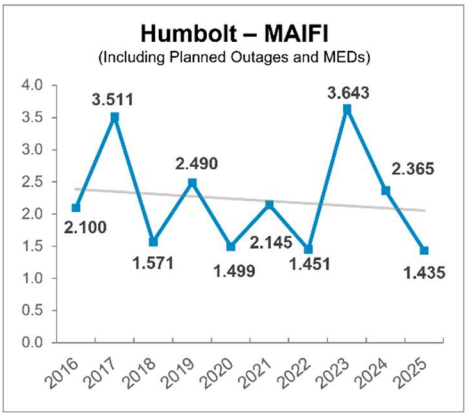

Fresno – AIFI
(Including Planned Outages and MEDs)
1.206
1.064
1.142
1.09
1.205
1.424
1.378
1.594
1.63
1.376

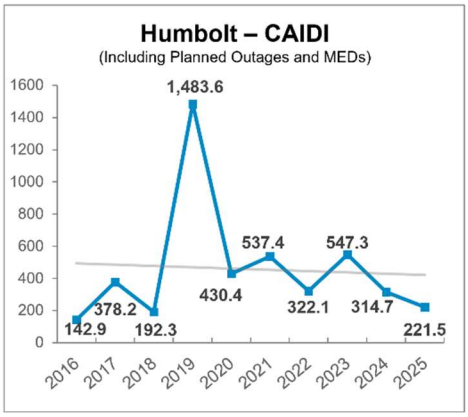

Fresno – MAIFI
(Including Planned Outages and MEDs)
1.978
1.866
1.416
1.697
1.464
1.699
1.798
1.980
1.540
1.358

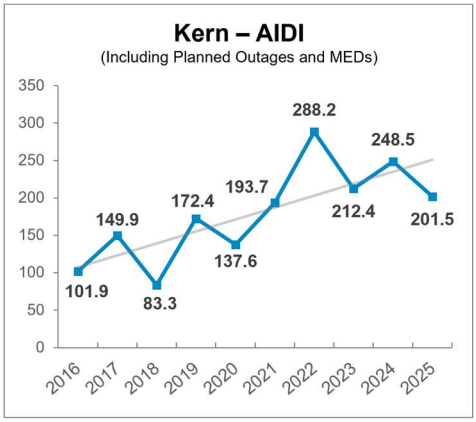

Fresno – CAIDI
(Including Planned Outages and MEDs)
82.4
109.6
112.1
127.8
108.1
159.9
146.0
191.9
134.1
127.9

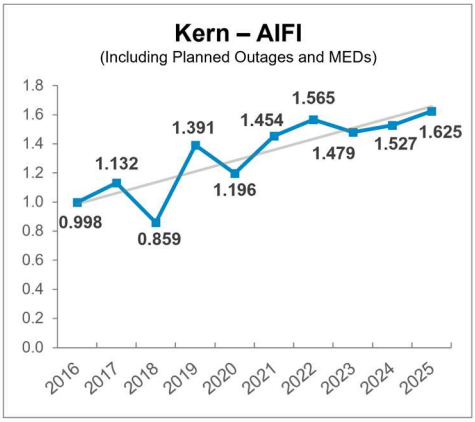

Humbolt – AIDI
(Including Planned Outages and MEDs)
8000
7000
6000
5000
4000
3000
2000
1000
0
251.0
955.5
448.5
7,018.7
1,058.7
1,717.4
1,158.0
2,524.4
1,387.0
634.3
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

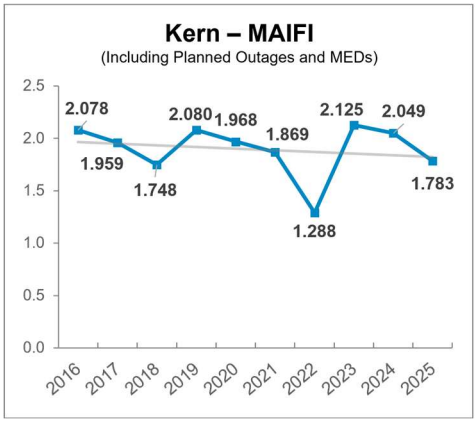

Humbolt – AIFI
(Including Planned Outages and MEDs)
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.757
2.526
2.333
4.731
2.460
3.196
3.595
4.612
4.408
2.863
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

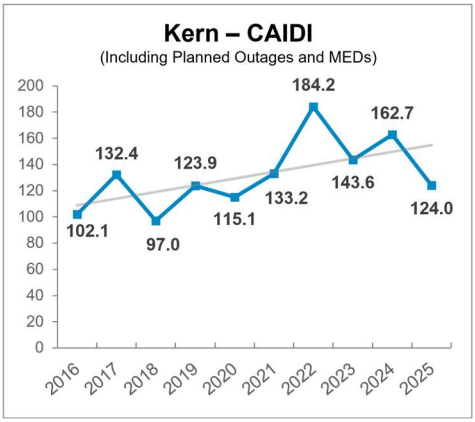

Humbolt – MAIFI
(Including Planned Outages and MEDs)
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2.100
3.511
1.571
2.490
1.499
2.145
1.451
3.643
1.435
2.365
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

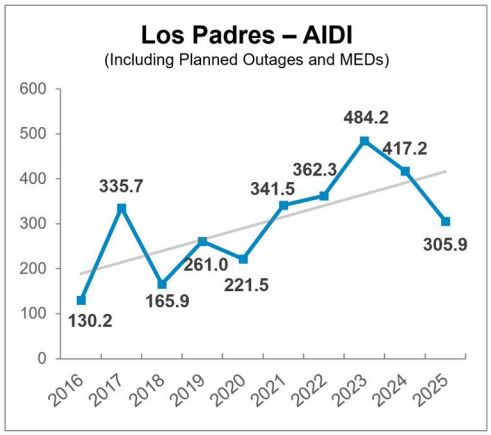

Humbolt – CAIDI
(Including Planned Outages and MEDs)
1600
1400
1200
1000
800
600
400
200
0
142.9
378.2
192.3
1,483.6
430.4
537.4
322.1
547.3
314.7
221.5
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

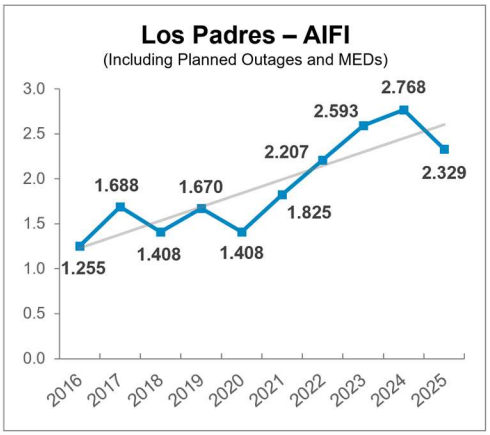

Kern – AIDI
(Including Planned Outages and MEDs)
350
300
250
200
150
100
50
0
101.9
149.9
83.3
172.4
137.6
193.7
288.2
212.4
248.5
201.5
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

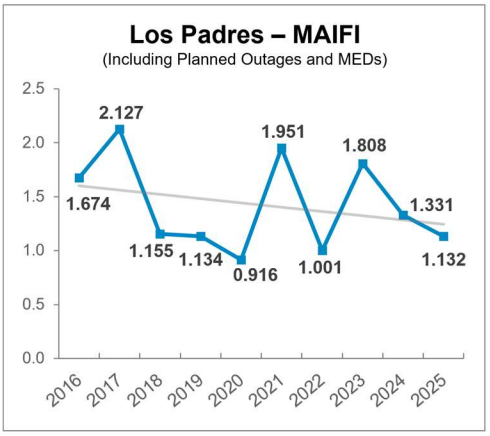

Kern – AIFI
(Including Planned Outages and MEDs)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.998
1.132
0.859
1.391
1.196
1.454
1.565
1.479
1.527
1.625
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

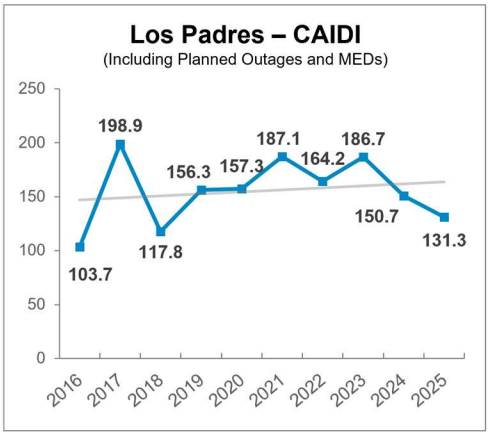

Kern – MAIFI
(Including Planned Outages and MEDs)
2.5
2.0
1.5
1.0
0.5
0.0
2.078
1.959
1.748
2.080
1.968
1.869
1.288
2.125
2.049
1.783
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

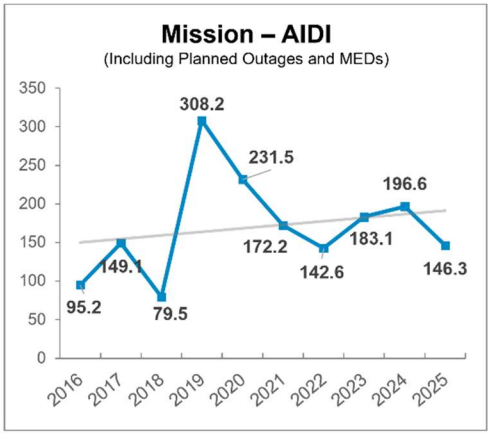

Kern – CAIDI
(Including Planned Outages and MEDs)
200
180
160
140
120
100
80
60
40
20
0
102.1
132.4
97.0
123.9
115.1
133.2
184.2
143.6
162.7
124.0
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

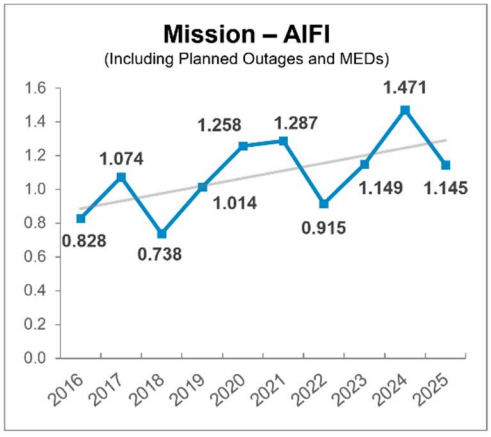

Los Padres – AIDI
(Including Planned Outages and MEDs)
600
500
400
300
200
100
0
130.2
335.7
165.9
261.0
221.5
341.5
362.3
484.2
417.2
305.9
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

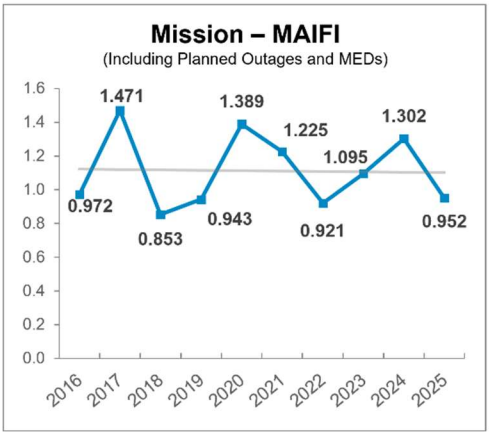

Los Padres – AIFI
(Including Planned Outages and MEDs)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.255
1.688
1.408
1.670
1.408
2.207
1.825
2.593
2.768
2.329
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

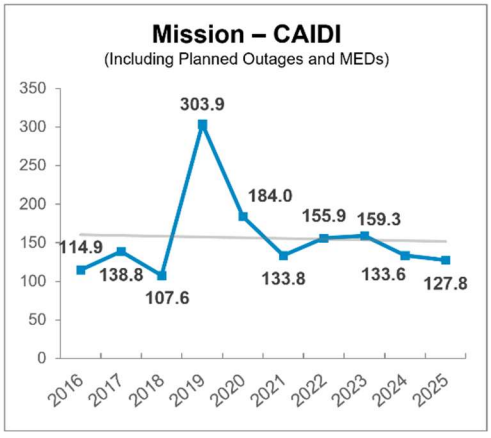

Los Padres – MAIFI
(Including Planned Outages and MEDs)
2.5
2.0
1.5
1.0
0.5
0.0
1.674
2.127
1.155
1.134
0.916
1.951
1.001
1.808
1.331
1.132
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

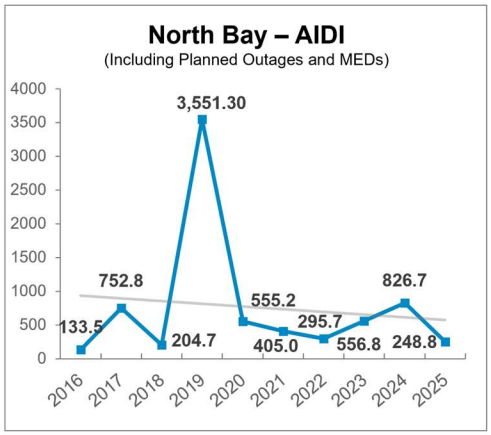

Los Padres – CAIDI
(Including Planned Outages and MEDs)
250
200
150
100
50
0
103.7
198.9
117.8
156.3
157.3
187.1
164.2
186.7
150.7
131.3
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

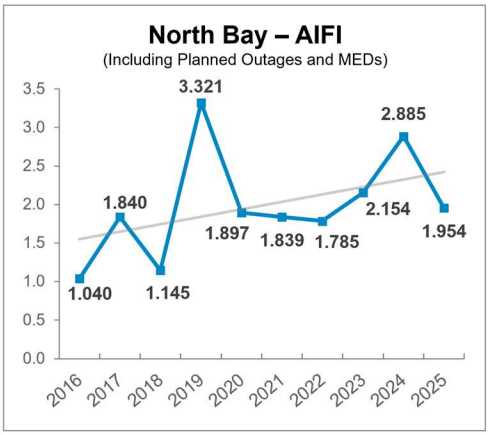

Mission – AIDI
(Including Planned Outages and MEDs)
350
300
250
200
150
100
50
0
95.2
149.1
79.5
308.2
231.5
172.2
142.6
183.1
196.6
146.3
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

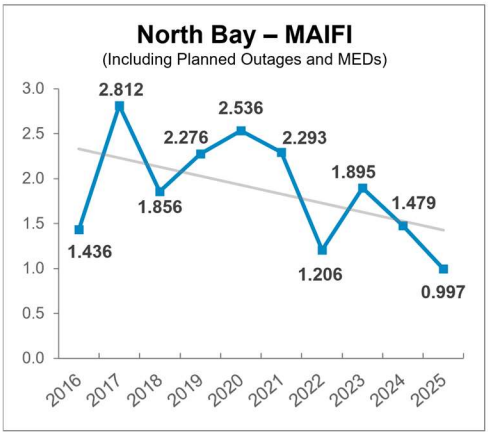

Mission – AIFI
(Including Planned Outages and MEDs)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.828
1.074
0.738
1.258
1.014
1.287
0.915
1.149
1.471
1.145
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

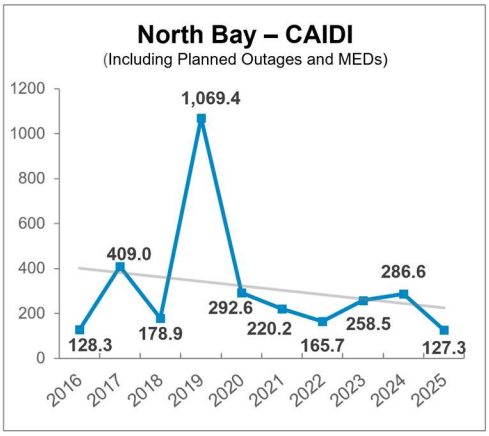

Mission – MAIFI
(Including Planned Outages and MEDs)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.972
1.471
0.853
0.943
1.389
1.225
0.921
1.095
1.302
0.952
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

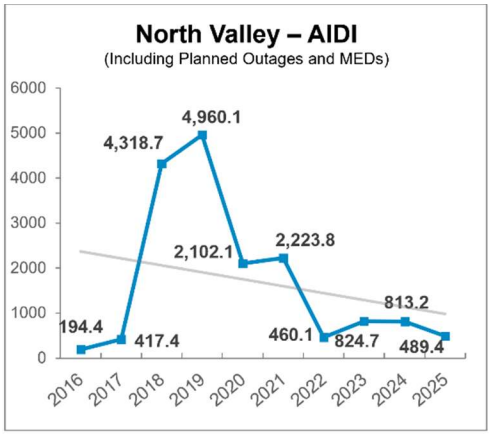

Mission – CAIDI
(Including Planned Outages and MEDs)
350
300
250
200
150
100
50
0
114.9
138.8
107.6
303.9
184.0
133.8
155.9
159.3
133.6
127.8
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

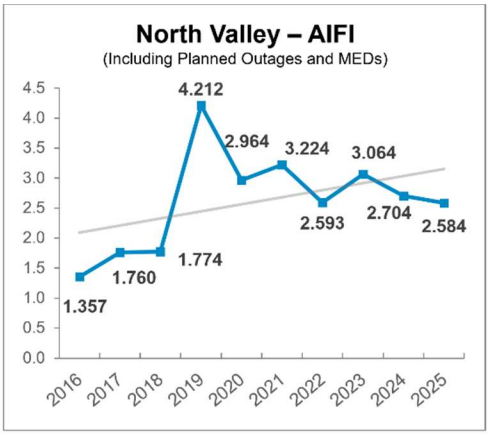

North Bay – AIDI
(Including Planned Outages and MEDs)
4000
3500
3000
2500
2000
1500
1000
500
0
3,551.30
752.8
826.7
555.2
295.7
133.5
204.7
405.0
556.8
248.8
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

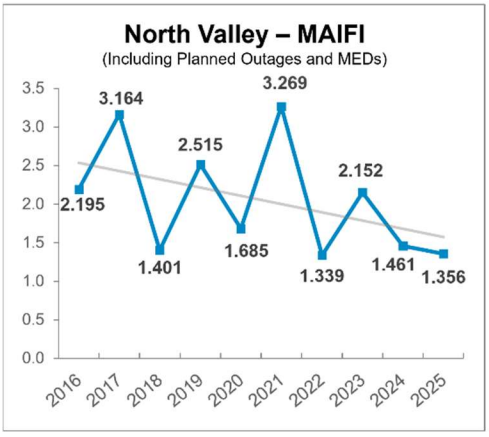

North Bay – AIFI
(Including Planned Outages and MEDs)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3.321
2.885
1.840
2.154
1.897
1.839
1.785
1.954
1.040
1.145
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

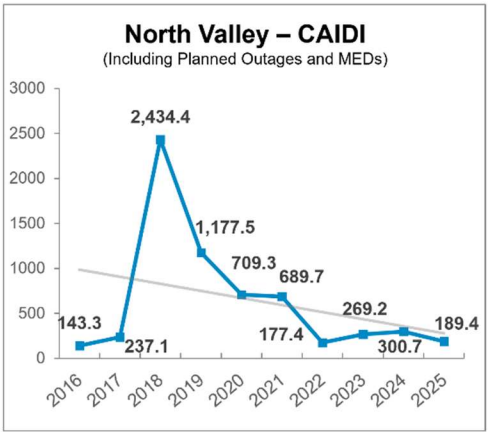

North Bay – MAIFI
(Including Planned Outages and MEDs)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2.812
2.536
2.276
2.293
1.895
1.856
1.479
1.436
1.206
0.997
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

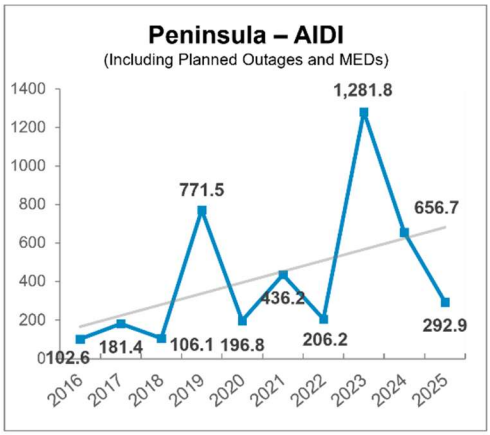

North Bay – CAIDI
(Including Planned Outages and MEDs)
1200
1000
800
600
400
200
0
1,069.4
409.0
286.6
292.6
220.2
258.5
128.3
178.9
165.7
127.3
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

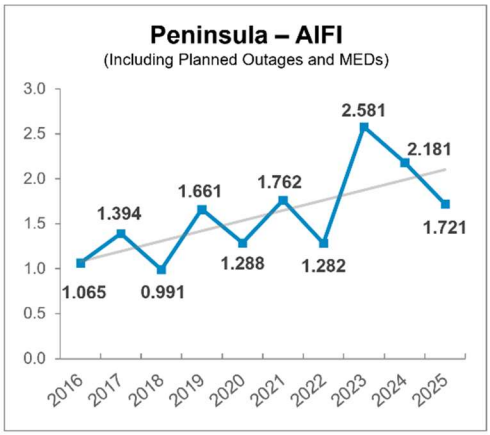

North Valley – AIDI
(Including Planned Outages and MEDs)
6000
5000
4000
3000
2000
1000
0
4,960.1
4,318.7
2,102.1
2,223.8
813.2
194.4
417.4
460.1
824.7
489.4
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

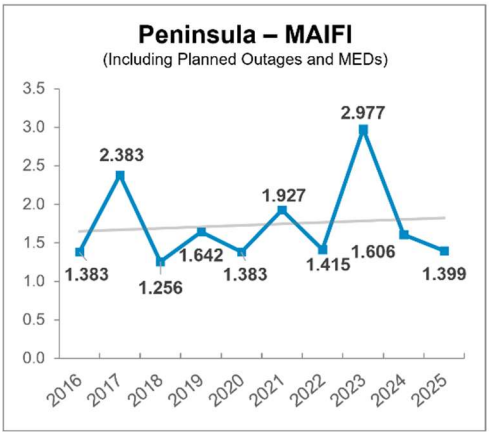

North Valley – AIFI
(Including Planned Outages and MEDs)
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
4.212
2.964
3.224
3.064
2.593
2.704
2.584
1.774
1.760
1.357
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

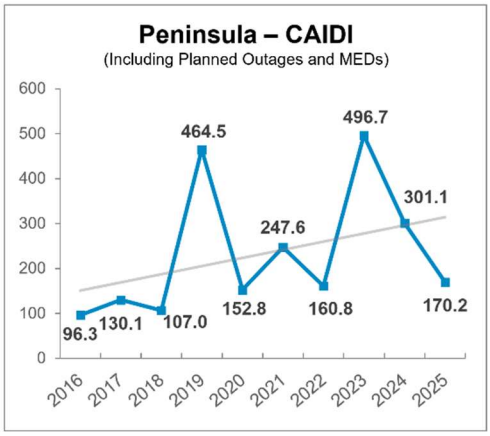

North Valley – MAIFI
(Including Planned Outages and MEDs)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3.269
3.164
2.515
2.152
2.195
1.685
1.461
1.401
1.339
1.356
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

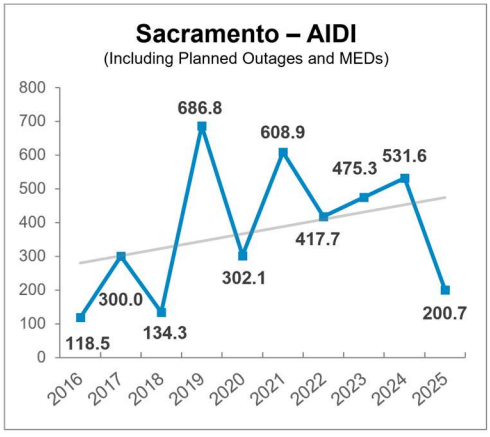

North Valley – CAIDI
(Including Planned Outages and MEDs)
3000
2500
2000
1500
1000
500
0
2,434.4
1,177.5
709.3
689.7
269.2
143.3
237.1
177.4
300.7
189.4
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

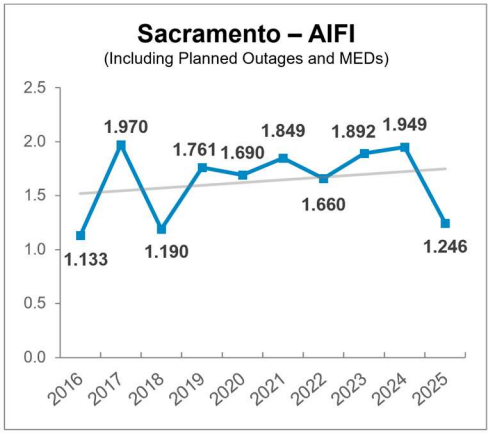

Peninsula – AIDI
(Including Planned Outages and MEDs)
1400
1200
1000
800
600
400
200
0
102.6
181.4
106.1
771.5
196.8
436.2
206.2
1,281.8
656.7
292.9
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

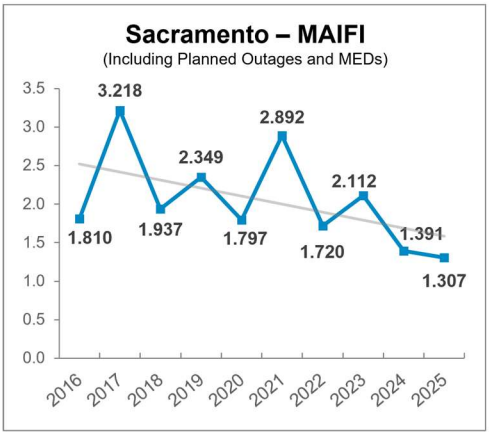

Peninsula – AIFI
(Including Planned Outages and MEDs)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.065
1.394
0.991
1.661
1.288
1.762
1.282
2.581
2.181
1.721
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

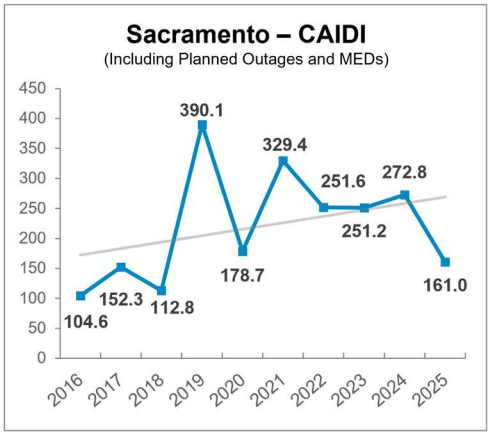

Peninsula – MAIFI
(Including Planned Outages and MEDs)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.383
2.383
1.256
1.642
1.383
1.927
1.415
2.977
1.606
1.399
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

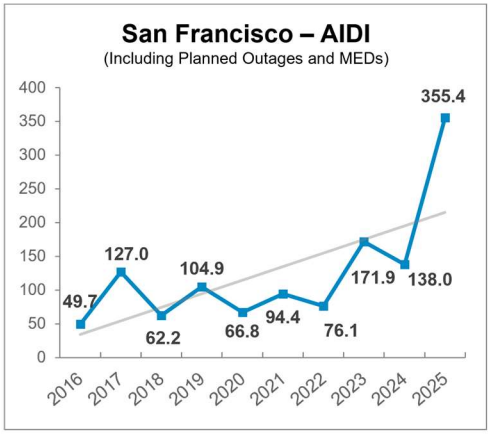

Peninsula – CAIDI
(Including Planned Outages and MEDs)
600
500
400
300
200
100
0
96.3
130.1
107.0
464.5
152.8
247.6
160.8
496.7
301.1
170.2
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

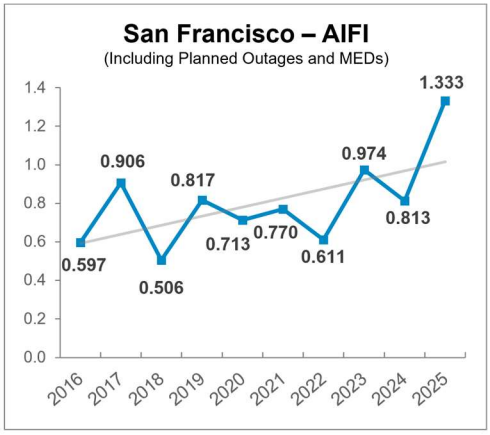

Sacramento – AIDI
(Including Planned Outages and MEDs)
800
700
600
500
400
300
200
100
0
118.5
300.0
134.3
686.8
302.1
608.9
417.7
475.3
531.6
200.7
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

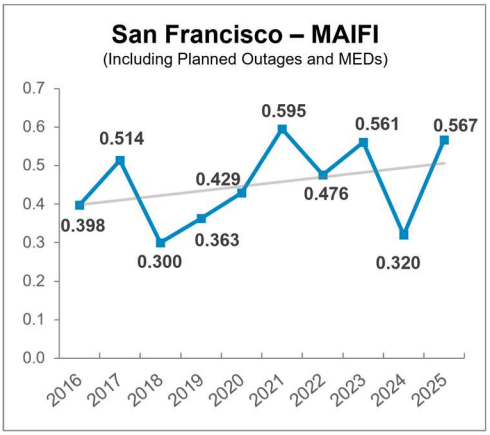

Sacramento – AIFI
(Including Planned Outages and MEDs)
2.5
2.0
1.5
1.0
0.5
0.0
1.133
1.970
1.190
1.761
1.690
1.849
1.660
1.892
1.949
1.246
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

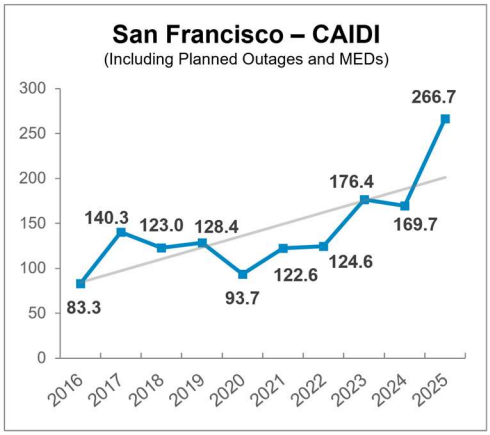

Sacramento – MAIFI
(Including Planned Outages and MEDs)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.810
3.218
1.937
2.349
1.797
2.892
1.720
2.112
1.391
1.307
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

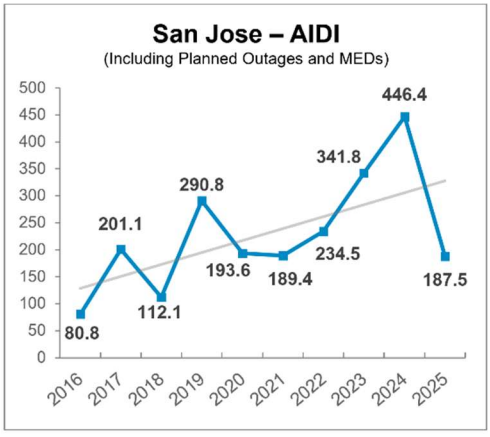

Sacramento – CAIDI
(Including Planned Outages and MEDs)
450
400
350
300
250
200
150
100
50
0
104.6
152.3
112.8
390.1
178.7
329.4
251.2
251.6
272.8
161.0
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

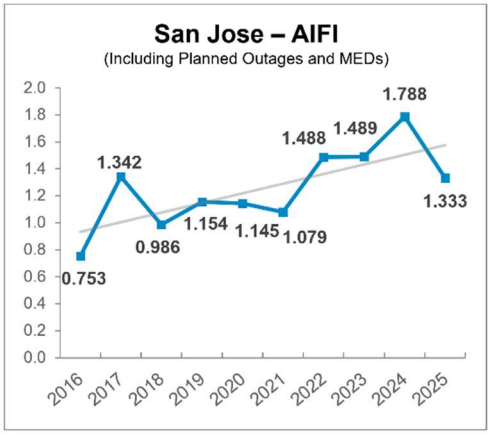

San Francisco – AIDI
(Including Planned Outages and MEDs)
49.7
127.0
62.2
104.9
66.8
94.4
76.1
171.9
138.0
355.4

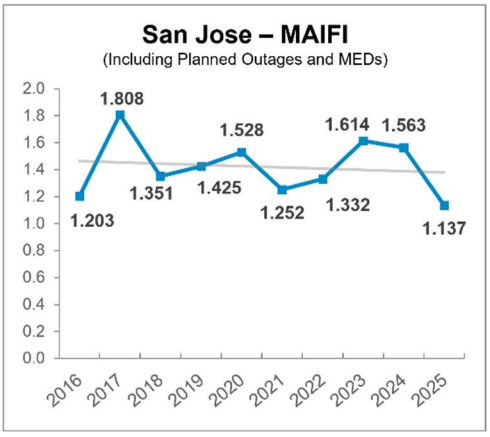

San Francisco – AIFI
(Including Planned Outages and MEDs)
0.597
0.906
0.506
0.817
0.713
0.770
0.611
0.974
0.813
1.333

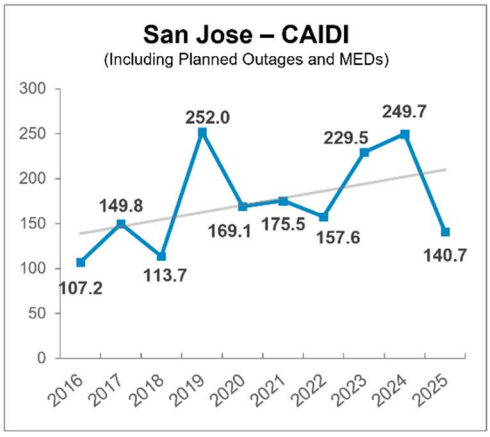

San Francisco – MAIFI
(Including Planned Outages and MEDs)
0.398
0.514
0.300
0.429
0.363
0.595
0.476
0.561
0.320
0.567

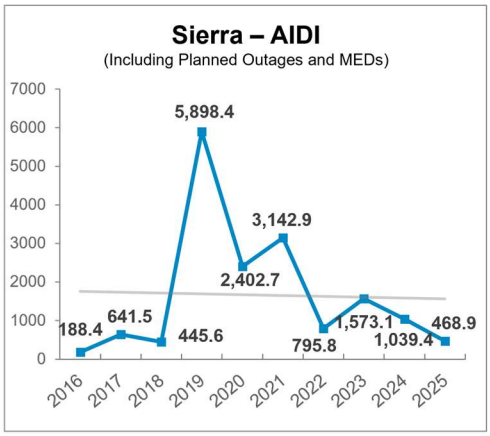

San Francisco – CAIDI
(Including Planned Outages and MEDs)
83.3
140.3
123.0
128.4
93.7
122.6
124.6
176.4
169.7
266.7

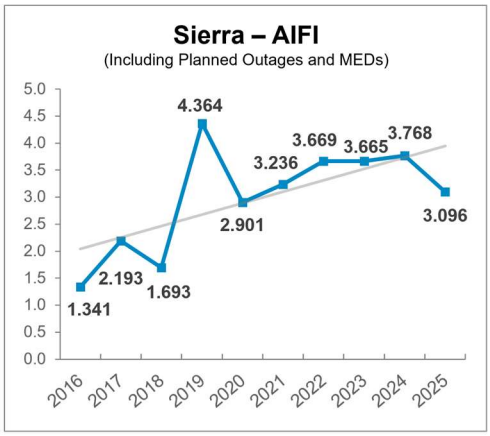

San Jose – AIDI
(Including Planned Outages and MEDs)
80.8
201.1
112.1
290.8
193.6
189.4
341.8
234.5
187.5
446.4

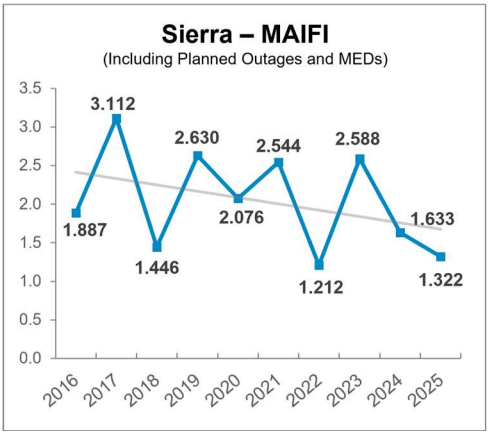

San Jose – AIFI
(Including Planned Outages and MEDs)
0.753
1.342
0.986
1.154
1.145
1.079
1.488
1.489
1.333
1.788

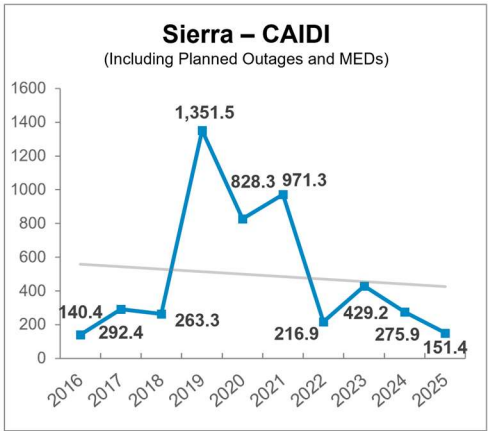

San Jose – MAIFI
(Including Planned Outages and MEDs)
1.203
1.808
1.351
1.425
1.528
1.252
1.332
1.614
1.563
1.137

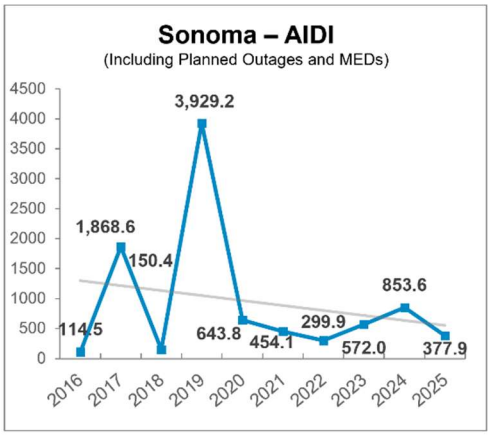

San Jose – CAIDI
(Including Planned Outages and MEDs)
107.2
149.8
113.7
252.0
169.1
175.5
157.6
229.5
249.7
140.7

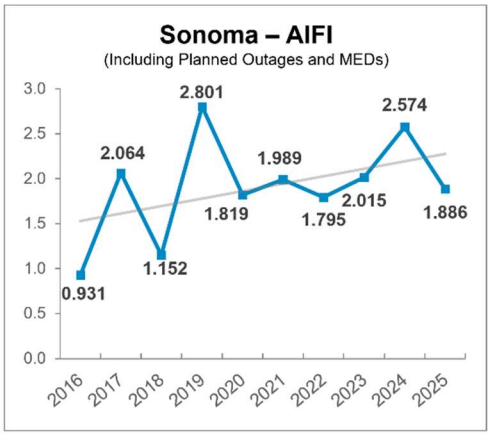

Sierra – AIDI
(Including Planned Outages and MEDs)
188.4
641.5
445.6
5,898.4
2,402.7
3,142.9
795.8
1,573.1
1,039.4
468.9

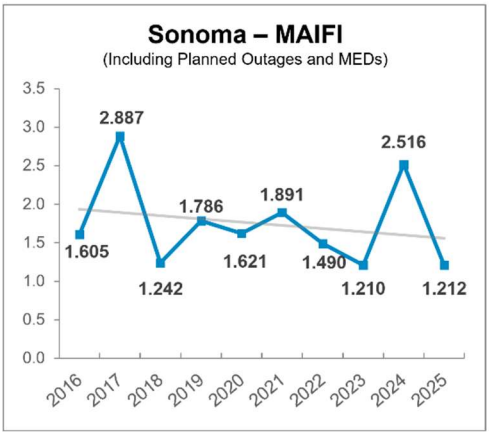

Sierra – AIFI
(Including Planned Outages and MEDs)
1.341
2.193
1.693
4.364
2.901
3.236
3.669
3.665
3.768
3.096

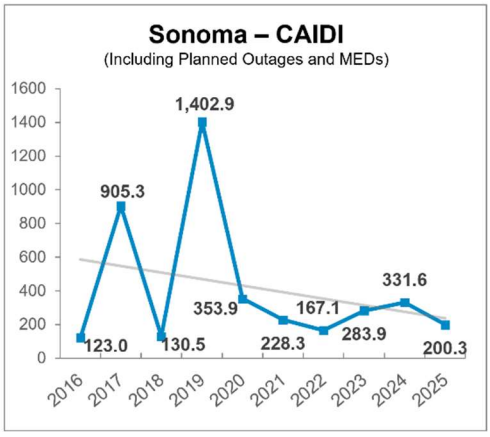

Sierra – MAIFI
(Including Planned Outages and MEDs)
1.887
3.112
1.446
2.630
2.076
2.544
1.212
2.588
1.633
1.322

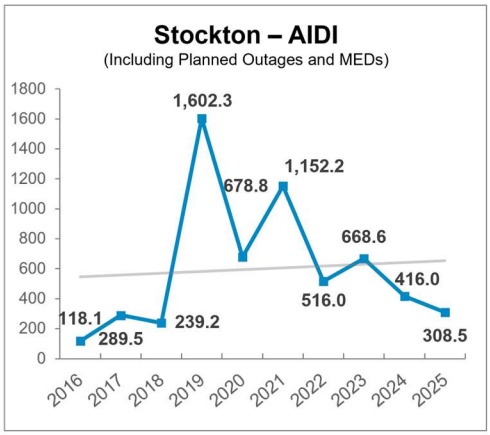

Sierra – CAIDI
(Including Planned Outages and MEDs)
140.4
292.4
263.3
1,351.5
828.3
971.3
216.9
429.2
275.9
151.4

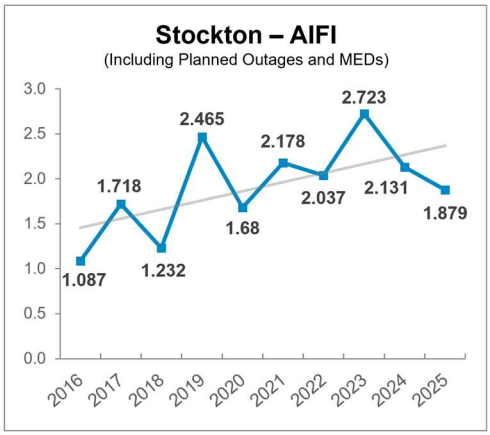

Sonoma – AIDI
(Including Planned Outages and MEDs)
114.5
1,868.6
150.4
3,929.2
643.8
454.1
299.9
572.0
853.6
377.9

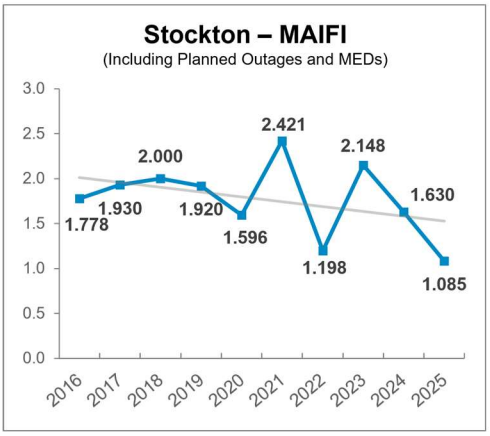

Sonoma – AIFI
(Including Planned Outages and MEDs)
0.931
2.064
1.152
2.801
1.819
1.989
1.795
2.015
2.574
1.886

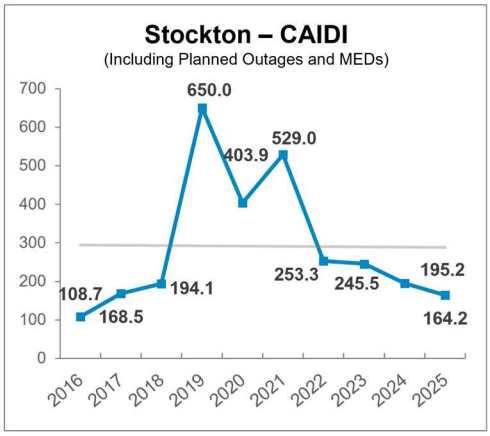

Sonoma – MAIFI
(Including Planned Outages and MEDs)
1.605
2.887
1.242
1.786
1.621
1.891
1.490
1.210
2.516
1.212

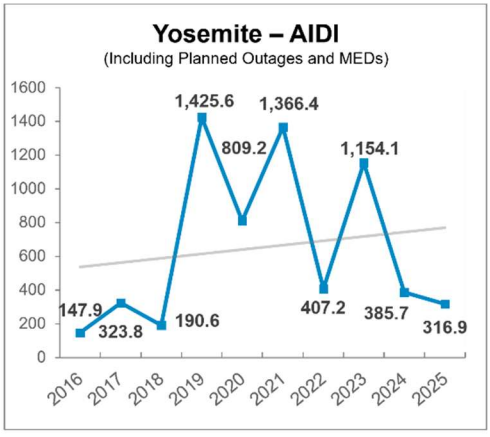

Sonoma – CAIDI
(Including Planned Outages and MEDs)
123.0
905.3
130.5
1,402.9
353.9
228.3
167.1
283.9
331.6
200.3

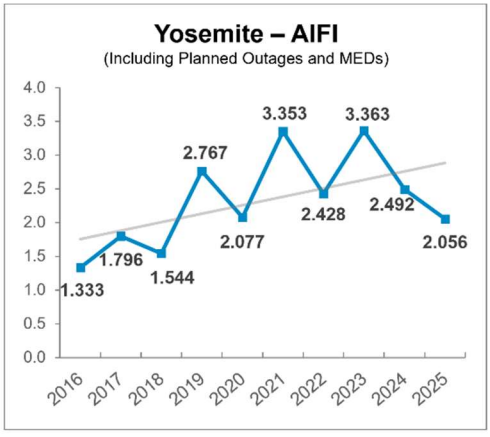

Stockton – AIDI
(Including Planned Outages and MEDs)
1800
1600
1400
1200
1000
800
600
400
200
0
1,602.3
1,152.2
678.8
668.6
416.0
516.0
118.1
289.5
239.2
308.5
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

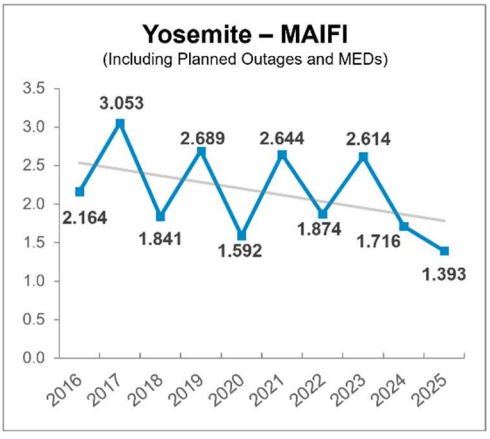

Stockton – AIFI
(Including Planned Outages and MEDs)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2.723
2.465
2.178
2.131
2.037
1.718
1.879
1.68
1.087
1.232
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

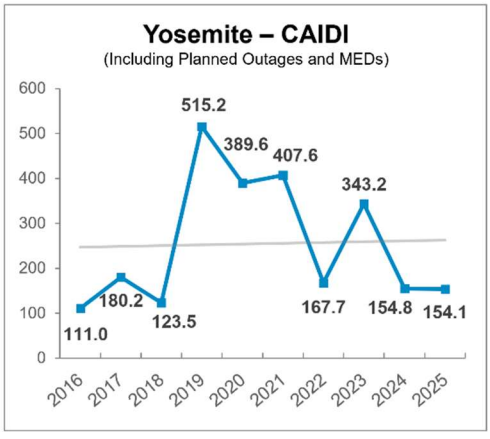

Stockton – MAIFI
(Including Planned Outages and MEDs)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2.421
2.148
2.000
1.630
1.930
1.920
1.778
1.596
1.198
1.085
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025


Stockton – CAIDI
(Including Planned Outages and MEDs)
700
600
500
400
300
200
100
0
650.0
529.0
403.9
253.3
245.5
195.2
108.7
194.1
168.5
164.2
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025


Yosemite – AIDI
(Including Planned Outages and MEDs)
1600
1400
1200
1000
800
600
400
200
0
1,425.6
1,366.4
809.2
1,154.1
147.9
323.8
190.6
407.2
385.7
316.9
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025


Yosemite – AIFI
(Including Planned Outages and MEDs)
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3.353
3.363
2.767
2.428
2.492
2.077
2.056
1.796
1.544
1.333
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025


Yosemite – MAIFI
(Including Planned Outages and MEDs)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3.053
2.689
2.644
2.614
2.164
1.841
1.592
1.874
1.716
1.393
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025


Yosemite – CAIDI
(Including Planned Outages and MEDs)
600
500
400
300
200
100
0
515.2
389.6
407.6
343.2
167.7
154.8
154.1
180.2
123.5
111.0
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

b. The Number of Planned Outages, Date and Location of Planned Outages in Each Division on an Annual Basis

PG&E is providing aggregated data for planned outages at the system level and is submitting information on the number, date and location of planned outages under seal in a separate report to the Commission as required by Appendix B of D.16-01-008, footnote 7. Listed below is a summary of planned outages by year from 2016 through 2025.

Table 26: Ten-Year Planned Outage Summary (2016-2025)

Year	Total Planned Outages
2016	20,253
2017	18,913
2018	36,576
2019	31,409
2020	36,118
2021	45,087
2022	43,915
2023	38,879
2024	44,067
2025	45,590

4. Service Territory Map



5. Top 1% of Worst-Performing Circuits (WPC) Excluding MEDs

PG&E's selection of its WPC is comprised of two lists. List #1 (see Table 27 below) leverages the average interruption frequency index (AIFI) metric and ranks circuits by the highest number of sustained outages the average customer on the circuit has experienced over the last three years. List #2 (see Table 28 below) leverages the average interruption duration index (AIDI) metric and ranks circuits by the highest total number of sustained outage minutes that the average customer on the circuit has experienced over the last three years. PG&E recognizes that a circuit could appear on both the AIDI and AIFI lists of WPC. In consideration of this overlap, PG&E identified 21 circuits on each list with nine circuits appearing on both lists. The net total of 33 individual circuits represents one percent (1%) of the total.

For the purposes of this reliability report, PG&E's focus in developing the WPC lists is on the impact on the *average customer on the circuit*. This differs from a focus on a circuit's impact or contribution to overall system reliability performance. For example, a circuit with 50 customers that experienced 5 sustained outages affecting the entire circuit (a total of 250 sustained customer outages) would have a higher, WPC ranking than a circuit with 1,000 customers where each customer experienced 3 sustained outages (a total of 3,000 sustained customer outages). For purposes of the WPC list, the fact that the average customer on the smaller circuit experienced five sustained outages caused that circuit to rank as performing worse than a circuit where the average customer only experienced three sustained outages.

PG&E's process to determine WPC uses three years (2023 - 2025) of outage data to determine AIDI and AIFI for each circuit. The three-year average circuit-AIDI is calculated by summing the customer minutes of interruption for each circuit over the study period and dividing by customers served on the circuit over the study period. The three-year average circuit-AIFI is calculated by summing customer interruptions experienced by customers for each circuit over the study period and dividing by customers served on the circuit over the study period. PG&E has excluded planned outages, ISO outages, MEDs and non-restorables. PG&E has also limited its review to mainline circuit outages only (in other words, only outages involving a circuit breaker, a recloser, or an interrupter). Finally, PG&E excludes circuits when a circuit's annual AIFI performance is predominantly driven by abnormal circuit configuration.

Table 27 lists the WPC by three-year average circuit-AIFI. The Grand Island 2224 was identified as the worst performing circuit. The average customer on the Grand Island 2224 circuit experienced 13.41 sustained mainline outages per year from 2023-2025 (resulting from the operation of a circuit breaker or an automatic recloser).

Table 28 lists the WPC by three-year average circuit-AIDI. The Pit No 5 1101 circuit was identified as the worst performing circuit. For this circuit, the average customer on the circuit experienced 4,173 sustained mainline outage minutes per year from 2023-2025 (resulting from the operation of a circuit breaker or an automatic recloser).

Nine circuits (Ben Lomond 0401, Devils Den 1101, Dunlap 1103, Elk Creek 1101, Garberville 1102, Gualala 1112, Hoopa 1101, Poso Mountain 2101 and Willow Creek 1103) appear on both lists. These nine circuits are highlighted in red within Tables 27 and 28. Additionally, fifteen circuits are marked with an asterisk (*) indicating that they are "deficient". A "deficient" circuit is defined as a circuit that has appeared consecutively on the WPC lists for the previous two years

(see the *"Deficient" Worst-Performing Section* below for further details).

Table 27

#	DIVISION	SUBSTATION	CIRCUIT NAME	TOTAL CUSTOMERS	CIRCUIT MILES	% OH	% UG	2023 SO	2024 SO	2025 SO	HFTD	3 YR AVG MAINLINE OUTAGES	3 YR AVG AIFI
1	SACRAMENTO	GRAND ISLAND	GRAND ISLAND 2224*	486	62	98	2	18	22	23	1	21	13.41
2	HUMBOLDT	GUALALA	GUALALA 1112*	1272	53	89	11	18	16	11	1 & 2	15	11.28
3	CENTRAL COAST	BEN LOMOND	BEN LOMOND 0401*	864	24	96	4	14	16	16	3	15	10.66
4	HUMBOLDT	GARBERVILLE	GARBERVILLE 1102*	1626	147	93	7	26	40	16	1 & 2	27	10.22
5	NORTH VALLEY	ELK CREEK	ELK CREEK 1101*	830	176	90	10	23	18	26	1 & 2	22	8.66
6	DE ANZA	LOS GATOS	LOS GATOS 1106*	2193	101	95	5	13	32	18	1, 2, & 3	21	8.54
7	KERN	POSO MOUNTAIN	POSO MOUNTAIN 2101*	130	59	100	0	27	20	10	1 & 2	19	7.49
8	LOS PADRES	OILFIELDS	OILFIELDS 1103*	2496	172	84	16	25	16	20	1 & 2	20	7.22
9	CENTRAL COAST	SAN BENITO	SAN BENITO 2104	1260	57	89	11	9	7	6	1 & 2	7	7.16
10	LOS PADRES	TEMPLETON	TEMPLETON 2113	5109	347	91	9	18	38	34	1, 2, & 3	30	6.95
11	SIERRA	APPLE HILL	APPLE HILL 2102	4116	362	85	15	19	17	26	1, 2, & 3	21	6.85
12	HUMBOLDT	HOOPA	HOOPA 1101*	1587	149	92	8	25	27	24	1, 2, & 3	25	6.76
13	FRESNO	DUNLAP	DUNLAP 1103	854	76	93	7	18	14	22	2	18	6.74
14	FRESNO	DEVILS DEN	DEVILS DEN 1101*	66	48	100	0	9	8	7	1	8	6.68
15	SACRAMENTO	MADISON	MADISON 2101	2005	177	94	6	27	27	25	1 & 2	26	6.48
16	NORTH BAY	SILVERADO	SILVERADO 2102	1242	125	83	17	11	30	25	1, 2, & 3	22	6.48
17	YOSEMITE	MERCED FALLS	MERCED FALLS 1102	1736	156	99	1	10	11	10	1 & 2	10	6.45
18	SIERRA	PLACERVILLE	PLACERVILLE 2106	5106	286	90	10	22	23	31	1, 2, & 3	25	6.45
19	HUMBOLDT	WILLOW CREEK	WILLOW CREEK 1103	1326	89	87	13	13	8	9	1, 2, & 3	10	5.98
20	STOCKTON	FROGTOWN	FROGTOWN 1702	3675	248	92	8	13	22	29	1 & 2	21	5.90
21	CENTRAL COAST	JOLON	JOLON 1103	17	19	100	0	11	10	6	1 & 2	9	5.86

Table 28

#	DIVISION	SUBSTATION	CIRCUIT NAME	TOTAL CUSTOMERS	CIRCUIT MILES	% OH	% UG	2023 SO	2024 SO	2025 SO	HFTD	3 YR AVG MAINLINE OUTAGES	3 YR AVG AIDI
1	NORTH VALLEY	PIT NO 5	PIT NO 5 1101*	97	28	86	14	15	4	9	2	9	4173
2	HUMBOLDT	GARBERVILLE	GARBERVILLE 1102*	1626	147	93	7	26	40	16	1 & 2	27	3501
3	NORTH VALLEY	ELK CREEK	ELK CREEK 1101*	830	176	90	10	23	18	26	1 & 2	22	3180
4	PENINSULA	WOODSIDE	WOODSIDE 1101*	1741	75	81	19	10	22	23	1, 2, & 3	18	3077
5	NORTH VALLEY	BUCKS CREEK	BUCKS CREEK 1103	361	56	27	73	3	9	3	1, 2, & 3	5	3068
6	KERN	POSO MOUNTAIN	POSO MOUNTAIN 2101*	130	59	100	0	27	20	10	1 & 2	19	2965
7	HUMBOLDT	HOOPA	HOOPA 1101*	1587	149	92	8	25	27	24	1, 2, & 3	25	2752
8	KERN	POSO MOUNTAIN	POSO MOUNTAIN 2104	16	17	100	0	1	3	3	1 & 2	2	2518
9	FRESNO	DUNLAP	DUNLAP 1103	854	76	93	7	18	14	22	2	18	2506
10	KERN	POSO MOUNTAIN	POSO MOUNTAIN 2103*	21	16	100	0	8	2	3	2	4	2352
11	NORTH VALLEY	BIG BEND	BIG BEND 1101	285	56	98	2	8	13	4	1 & 2	8	2124
12	FRESNO	DEVILS DEN	DEVILS DEN 1101*	66	48	100	0	9	8	7	1	8	2039
13	CENTRAL COAST	BEN LOMOND	BEN LOMOND 0401*	864	24	96	4	14	16	16	3	15	1947
14	HUMBOLDT	GARBERVILLE	GARBERVILLE 1101	911	149	98	2	16	26	29	1 & 2	24	1929
15	HUMBOLDT	WILLOW CREEK	WILLOW CREEK 1103*	1326	89	87	13	13	8	9	1, 2, & 3	10	1847
16	FRESNO	TULARE LAKE	TULARE LAKE 1108	72	51	96	4	3	12	4	1	6	1812
17	HUMBOLDT	GUALALA	GUALALA 1112	1272	53	89	11	18	16	11	1 & 2	15	1751
18	YOSEMITE	CURTIS	CURTIS 1703*	3692	212	93	7	17	15	12	1, 2, & 3	15	1734
19	FRESNO	TIVY VALLEY	TIVY VALLEY 1107	1608	179	97	3	12	10	16	1 & 2	13	1662
20	SONOMA	FORT ROSS	FORT ROSS 1121	608	98	96	4	15	9	7	1, 2, & 3	10	1657
21	NORTH VALLEY	BIG BEND	BIG BEND 1102	174	41	44	56	2	9	7	1 & 3	6	1644

a. Cost-Effective Reliability Remediation

For the purposes of this reliability report, PG&E identified circuits with the worst AIDI and AIFI performance based on the sustained outage impacts to the average customer on each circuit. PG&E generally prioritizes circuits with larger customer counts to maximize the overall cost-effectiveness of reliability-remediating efforts from a systemwide perspective. Reliability improvement projects are ranked based on dollars per customer-minute of interruption saved ($/CMIN savings) to support prioritization of work execution.

In 2025, PG&E re-established the Targeted Circuit Program as part of the overall reliability improvement plan to cost-effectively remediate PG&E's System's WPC. Specifically, PG&E identifies the WPC for potential cost-effective remediation based on each circuit's three-year average customer-minute reliability performance. Targeted Circuit projects are ranked with other reliability improvement work based on $/CMIN savings to support prioritization of work execution. The reliability Targeted Circuit Program involves reinforcing the circuit mainline within

the circuit breaker and line recloser zones to minimize the number and duration of outages affecting customers. The effort typically includes performing detailed patrols of Targeted Circuit protection zones and identifying work that would improve circuit reliability performance. The patrol scope of work may include, as appropriate for the circuit, reframing poles to increase phase separation, installing animal and bird guards, repairing deteriorated equipment, and completing pending reliability-related maintenance work. In addition, the program includes installing new protective devices such as reclosers, interrupters, and fuses, as well as establishing or enhancing FLISR (Fault Location Isolation and Service Restoration) automation schemes to minimize outage impacts and outage duration. Another key component of reducing customer impacts from EPSS outages is the installation of reclosers to reduce the size of EPSS circuit protection zones.

In addition, internal reviews of unplanned outages are performed on a regular basis through PG&E Outage Review Team (ORT) Process. The ORT process's objective is to identify and minimize chronic localized reliability issues affecting a smaller number of customers. Cost-effective remediation work that addresses those circuits identified from the ORT process are incorporated into PG&E’s reliability work. Reliability projects initiated through the ORT process are ranked with other reliability improvement work based on $/CMIN savings to support prioritization of work execution.

In compliance with California SB (Senate Bill) 901, AB (Assembly Bill) 1054 and guidelines from the Office of Energy Infrastructure Safety (Energy Safety), PG&E submitted a 2026-2028 Wildfire Mitigation Plan (WMP) to support PG&E’s stance that catastrophic wildfires shall stop while also maintaining the reliability of the electric system and limiting disruptions to customers arising from our wildfire mitigation efforts. A component of the 2026-2028 WMP is the System Hardening Program. Under this program, PG&E’s distribution engineers are evaluating a rebuild of overhead distribution circuits in the High Fire-Threat District (HFTD) and High Fire Risk Areas (HFRA) areas. The typical system hardening work included, as appropriate for the circuit, replacing bare wire with insulated or covered conductor, increasing strength requirements for poles, installing new system automation and protection equipment, line removal and targeted conversion of overhead equipment to underground equipment. The anticipated goal of each system hardened circuit is to minimize the risk of an asset failure that could result in a fire ignition. The anticipated reliability improvement of each system hardened circuit is to minimize vegetation, equipment failure, third party, animal and other (unknown) caused outages that could result in a fire ignition. PG&E does not apply the cost-effectiveness ranking methodology used for reliability projects to system hardening work because the primary driver of system hardening is risk reduction.

Another key component of the 2026-2028 Wildfire Mitigation Plan (WMP) is the continued effort of the Vegetation Management (VM) program. In 2023, the Enhanced Vegetation Management (EVM) Program transitioned to three new risk-informed VM programs: Focus Tree Inspections, VM for Operational Mitigations and Tree Removal Inventory. PG&E continues to execute targeted vegetation management work, Vegetation Management for Operational Mitigation (VMOM), intended to reduce the impacts of vegetation-caused outages due to increased sensitivity resulting from EPSS-enabled devices. The 2026-2028 WMP strategy focuses on consolidating VM inspection programs, leveraging remote sensing technology and utilizing analytics to enable risk-prioritized inspections. Additionally, PG&E continues to execute the Vegetation Extent of Condition patrols and vegetation management work for EPSS-enabled vegetation-caused outages to: (1) determine if there are additional vegetation risks upstream and downstream of the fault location; and (2) attempt to remove any identified vegetation. PG&E does not apply the cost-effectiveness ranking methodology used for reliability projects to the VM

program because the primary driver of the program is wildfire risk reduction through vegetation-related mitigation activities.

PG&E is also undertaking additional efforts to minimize EPSS reliability impacts, including animal mitigation work to reduce animal-related outages. Animal mitigation measures may include the installation of bird-protection retrofits, critter guards, and other measures, depending on the asset configuration. Animal mitigation work is considered a cost-effective solution for reducing animal-related outages because it can be implemented at a relatively low cost.

In 2021, PG&E piloted the Enhanced Powerline Safety Settings (EPSS) Program. Under the EPSS effort, PG&E's distribution engineers re-adjusted the sensitivity settings on distribution line protection equipment to quickly react to problems detected on the system and automatically turn off power. Power was restored once a line patrol was conducted to ensure no wildfire ignition risk persisted. In 2022, the EPSS effort expanded to include all distribution lines in the HFTD areas and High Fire Risk Areas (HFRA), as well as select non-HFTD areas (Buffer zone) that are adjacent to HFTD areas and HFRA. However, it was also observed that the EPSS effort negatively impacted reliability performance in terms of both outage impacts to customers and outage duration times. This was primarily due to the sensitivity setting adjustments causing a decrease in coordination with downstream protection equipment. Efforts to minimize the negative reliability impacts of EPSS include the continued adjustment of the safety settings, installing Fault Indicators (FI), Line and Gridscope sensors to help pinpoint the problem locations, installing additional EPSS enabled protective devices to improve protection coordination and taking a more surgical approach in applying EPSS settings for areas most at risk. EPSS device setting adjustments and fault indicator installations are considered cost-effective measures for reducing EPSS-related reliability impacts because they can be implemented at a relatively low cost. New EPSS device installation projects are ranked with other reliability improvement work based on $/CMIN savings to support prioritization of work execution.

In 2023, PG&E deployed a new DCD program to further reduce wildfire risk. Specifically, this program focuses on enhancing ground fault protection by sensing low current and high impedance faults. Since 2024, PG&E has implemented several measures to minimize the negative reliability impacts of DCD enablement. These efforts include deployment of DCD algorithm firmware upgrade to reduce DCD nuisance outage frequency, adding DCD capability to EPSS devices for improve restoration and fault targeting and PG&E's distribution engineers performing DCD sensitivity setting readjustments as part of their EPSS outage review efforts. DCD algorithm firmware upgrades and DCD setting adjustments are considered cost-effective measures for reducing the reliability impacts of DCD enablement because these measures can be implemented at a relatively low cost. Adding DCD capability to EPSS devices typically requires upgrades to the recloser device and/or recloser control. These projects are ranked with other reliability improvement work based on $/CMIN savings to support prioritization of work execution.

b. "Deficient" Worst-Performing Circuits:

The circuits listed below are "deficient" (WPC) circuits in response to section 5b of CPUC D 16-008-001, Appendix B:

i. BEN LOMOND 0401

An explanation of why it was ranked as a "deficient" circuit:

- Three-year (2021-2023) average AIDI score of 2,014 and AIFI score of 10.36.
- Three-year (2022-2024) average AIDI score of 1,682 and AIFI score of 10.61.
- Three-year (2023-2025) average AIDI score of 1,947 and AIFI score of 10.66.

A historical record of the metric:

- AIDI 2021 = 2,186
- AIDI 2022 = 2,181
- AIDI 2023 = 1,699
- AIDI 2024 = 1,168
- AIDI 2025 = 3,004
- AIFI 2021 = 8.32
- AIFI 2022 = 12.27
- AIFI 2023 = 10.20
- AIFI 2024 = 9.36
- AIFI 2025 = 12.46

An explanation of why it was on the deficiency list again:

The Ben Lomond 0401 circuit provides electric service to 864 primarily residential customers, along rural Highway 9 in Santa Cruz County. This circuit comprises about 24 circuit–miles of primarily OH conductor and additional 3 circuit-miles on its current source Burns 2101 - 21kv distribution circuit. Prior to mid-August 2022, Ben Lomond 0401 used to be fed from Camp Evers 2105 – 21kv distribution circuit. Ben Lomond 0401 is located entirely in the CPUC High Fire-Threat District - Tier 3 (Extreme Risk) and is classified as an EPSS circuit. The major factors driving Ben Lomond 0401 reliability performance are the remote, mountainous service territory with elevated vegetation-caused outage risk, overhead conductor exposure, and minimal ties to adjacent circuits for outage restoration support. The primary driver of reliability performance from 2021 through 2024 was the implementation of the EPSS scheme, with outage activity driven primarily by unknown and vegetation-caused outages. The primary drivers of 2025 reliability performance were continued mainline outages due to overhead equipment failures, unknown causes, and vegetation.

An explanation of what is being done to improve the circuit's future performance:

Reliability improvement projects have been initiated on the Camp Evers 2105, Burns 2101, and Ben Lomond 0401 circuits to minimize outage impacts on customers. Specifically, a total of 45 sets of fault indicators were installed from 2022 through May 2026 to help pinpoint problem locations and to support outage restoration. As part of the 2024 and 2025 work plans, upgrades were completed to two recloser controls on the Burns 2101 circuit for enabling DCD and improve restoration and fault targeting during EPSS enablement. One additional recloser control upgrade project has been identified, with the implementation date to be determined based on project ranking and cost effectiveness. A potential Targeted Circuit project has been identified for the Burns 2101 circuit to improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness. The Camp Evers 2105, Burns 2101, and Ben Lomond 0401 circuits are included in the multi-year System Hardening/Undergrounding/OH Removal Work Plan, with a total of 1.5 miles completed from 2019 through 2022. The Ben Lomond 0401 circuit is targeted for approximately 8.5 additional miles by 2028, and no additional projects have been identified for the Burns 2101 circuit.

A quantitative description of the utility's expectation for that circuit's future performance:
Incremental reliability improvement is anticipated following completion of the reliability work and the comprehensive Wildfire Mitigation Plan (WMP) to minimize wildfire ignition risks in the Tier 3 High Fire-Threat District. The expected reliability performance is a 25 percent improvement in circuit AIDI and AIFI compared to the historical three-year average following completion of the Targeted Circuit project. Although reliability improvement is anticipated following completion of the system hardening projects, expected reliability benefits are not quantified for this program because the primary driver of system hardening is wildfire risk reduction. Ben Lomond 0401 and Burns 2101 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

ii. CURTIS 1703

An explanation of why it was ranked as a "deficient" circuit:
- Three-year (2021-2023) average AIDI score of 1,559.
- Three-year (2022-2024) average AIDI score of 1,688.
- Three-year (2023-2025) average AIDI score of 1,734.

A historical record of the metric:
- AIDI 2021 = 336
- AIDI 2022 = 343
- AIDI 2023 = 3,985
- AIDI 2024 = 731
- AIDI 2025 = 420

An explanation of why it was on the deficiency list again:
The Curtis 1703 circuit provides electric service to approximately 3,692 customers in Tuolumne County through 212 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and High Fire-Threat District - Tier 3 (Extreme Risk) and is classified as an EPSS circuit. The Curtis 1703 mainline traverses mountainous terrain from Sonora to Yosemite National Park, serving the communities of Jamestown, Groveland, Pine Mountain Lake, and Buck Meadows and the Stanislaus National Forest. The major factors driving the Curtis 1703 reliability performance are the remote service territory, overhead conductor exposure, overhead equipment failures and minimal ties to adjacent circuits for outage restoration support. Specifically, the elevated outage activity observed in 2023 that affected AIDI was primarily driven by equipment caused outages mainly during EPSS enablement. In 2025, the primary drivers of reliability performance were overhead equipment failures and one EPSS outage caused by lightning.

An explanation of what is being done to improve the circuit's future performance:
The Curtis 1703 circuit is included in the multi-year System Hardening/Undergrounding/ OH removal Work Plan, with 4.24 miles completed in 2025 and approximately 23.6 additional miles targeted by 2027. Reliability projects have been initiated to minimize EPSS impacts, improve sectionalization, and reduce animal cause outages. Specifically, as part of the 2023-2026 work plans several projects were completed, including the installation of 12 fuse savers, 1 recloser, 2 animal guards and 1 Targeted Circuit project. In addition, a total of 79 sets of fault indicators

were installed from 2021 through May 2026 to help pinpoint problem locations and to support the outage restoration efforts. Two additional potential Targeted Circuit projects for Curtis 1703 have been identified to reduce outage impacts on customers and improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Significant reliability improvement is anticipated following successful completion of the reliability work and System Hardening/Undergrounding Work Plan to further minimize wildfire ignition risks on the EPPS circuit. In 2025, a 75 percent improvement in circuit AIDI reliability performance was observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit projects, with an expected 25 percent circuit AIDI improvement compared to the historical three-year average. Although reliability improvement is anticipated following completion of the system hardening projects, expected reliability benefits are not quantified for this program because the primary driver of system hardening is wildfire risk reduction. Curtis 1703 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified reoccurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

iii. DEVILS DEN 1101

An explanation of why it was ranked as a "deficient" circuit:
- Three-year (2021-2023) average AIDI score of 2,072 and AIFI score of 5.79.
- Three-year (2022-2024) average AIDI score of 2,388 and AIFI score of 6.61.
- Three-year (2023-2025) average AIDI score of 2,039 and AIFI score of 6.68.

A historical record of the metric:
- AIDI 2021 = 1,191
- AIDI 2022 = 2,232
- AIDI 2023 = 2,770
- AIDI 2024 = 2,162
- AIDI 2025 = 1,157
- AIFI 2021 = 3.59
- AIFI 2022 = 5.15
- AIFI 2023 = 8.54
- AIFI 2024 = 6.12
- AIFI 2025 = 5.36

An explanation of why it was on the deficiency list again:
The Devils Den 1101 circuit provides electric service to approximately 66 customers in Kern and Kings Counties through 48 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the High Fire Risk Area (HFRA) and non-HFTD Buffer zone and is classified as an EPSS circuit. The Devils Den 1101 circuit is comprised of several mainline branches that travel through a mix of rural highways and cross-country access. The major factors driving the Devils Den 1101 reliability performance are the remote service territory, overhead conductor exposure and minimal ties to adjacent circuits for outage restoration

support. The primary drivers for the circuit's reliability performance were animal related outages, including bird nests, and overhead equipment failures.

An explanation of what is being done to improve the circuit's future performance:
Reliability improvement projects have been initiated on the Devils Den 1101 circuit to minimize outage impacts to customers. Specifically, as part of the 2024 and 2025 work plans, a total of 10 animal guard locations were completed. In addition, a total of nine sets of fault indicators were installed from 2022-2023 to help pinpoint problem locations and to support outage restoration efforts. A potential Targeted Circuit project has been identified for the Devils Den 1101 circuit to improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Incremental reliability improvement is anticipated following completion of the reliability projects. In 2025, a 52 percent improvement in AIDI reliability performance and a 19 percent improvement in AIFI reliability performance were observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit project, with an expected 25 percent improvement in circuit AIDI and AIFI compared to the historical three-year average. Devils Den 1101 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

iv. ELK CREEK 1101

An explanation of why it was ranked as a "deficient" circuit:
- Three-year (2021-2023) average AIDI score of 2,129 and AIFI score of 5.76.
- Three-year (2022-2024) average AIDI score of 2,518 and AIFI score of 7.88.
- Three-year (2023-2025) average AIDI score of 3,180 and AIFI score of 8.66.

A historical record of the metric:
- AIDI 2021 = 1,001
- AIDI 2022 = 2,384
- AIDI 2023 = 3,021
- AIDI 2024 = 2,150
- AIDI 2025 = 4,470
- AIFI 2021 = 1.37
- AIFI 2022 = 7.33
- AIFI 2023 = 8.64
- AIFI 2024 = 7.67
- AIFI 2025 = 9.74

An explanation of why it was on the deficiency list again:
The Elk Creek 1101 circuit provides electric service to approximately 830 customers in Southern Glenn and Northern Colusa Counties through 176 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and is classified as an EPSS circuit. The Elk Creek 1101 circuit is comprised of

several branches that travel north along Hwy 162, west into Mendocino National Forest, and south along Hwy 306 past Stony Gorge Reservoir. The major factors driving the Elk Creek 1101 reliability performance are the remote service territory, overhead conductor exposure and minimal ties to adjacent circuits for outage restoration support. The primary driver of 2022 reliability performance was implementation of the Enhanced Powerline Safety Settings (EPSS) scheme, which resulted in an increase in mainline outages. The primary drivers of 2023 reliability performance were wildfire mitigation, PSPS (Public Safety Power Shutoff) outages, a single equipment failure caused outage during EPSS enablement with prolonged restoration due to access constraints and the need for helicopter patrol support, and the continued increase in mainline outages during EPSS enablement. From 2024-2025, the primary driver of reliability performance was the implementation of the EPSS, with outage activity driven primarily by unknown causes and one separate PSPS event in 2025.

An explanation of what is being done to improve the circuit's future performance:
Reliability improvement projects have been initiated on the Elk Creek 1101 circuit to minimize outage impacts on customers. Specifically, a total of 38 sets of fault indicators were installed from 2022 through 2025 to help pinpoint problem locations and to support outage restoration efforts. In addition, three animal-mitigation work locations were completed between 2024-2025. As part of the 2025 work plan, two fuse upgrades to fuse saver devices were completed to provide additional sectionalizing capability and further minimize EPSS-related outage impacts. The 2026 work plan includes one additional fuse upgrade to a fuse saver device to further reduce the impacts of EPSS related outages. In addition, two additional potential Targeted Circuit projects for Elk Creek 1101 have been identified to reduce outage impacts to customers and improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness. The Elk Creek 1101 circuit is included in the multi-year System Hardening/Undergrounding/ OH removal Work Plan, with 18.71 miles completed under the 2023 and 2025 work plans and approximately 20.78 additional miles targeted by 2028.

A quantitative description of the utility's expectation for that circuit's future performance:
Incremental reliability improvement is anticipated following completion of the reliability work and the comprehensive Wildfire Mitigation Plan to minimize wildfire ignition risks in the Tier 2 High Fire-Threat District. The expected reliability performance is a 25 percent improvement in circuit AIDI and AIFI compared to the historical three-year average following completion of the Targeted Circuit project. Although reliability improvement is anticipated following completion of the system hardening projects, expected reliability benefits are not quantified for this program because the primary driver of system hardening is wildfire risk reduction. Elk Creek 1101 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

v. GARBERVILLE 1102

An explanation of why it was ranked as a "deficient" circuit:

- Three-year (2021-2023) average AIFI score of 7.55 and AIDI score of 3,629.
- Three-year (2022-2024) average AIFI score of 11.05 and AIDI score of 4,373.
- Three-year (2023-2025) average AIFI score of 10.22 and AIDI score of 3,501.

A historical record of the metric:

- AIFI 2021 = 5.41
- AIFI 2022 = 8.20
- AIFI 2023 = 9.03
- AIFI 2024 = 15.84
- AIFI 2025 = 5.14
- AIDI 2021 = 1,499
- AIDI 2022 = 3,785
- AIDI 2023 = 5,597
- AIDI 2024 = 3,749
- AIDI 2025 = 879

An explanation of why it was on the deficiency list again:
The Garberville 1102 circuit provides electric service to approximately 1,626 customers in Humboldt County through 147 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and is classified as an EPSS circuit. The primary mainline section of the Garberville 1102 circuit travels through a 50-mile stretch of mountainous terrain along the northern coast. The primary mainline section also crosses an area known in the outdoor/hiking community as ”The Lost Coast” and portions of the Humboldt Redwoods State Park. The primary mainline section splits near the town of Briceland, approximately 10 circuit miles northwest of Garberville. The north branch extends 37 miles to Petrolia while the south branch extends 14 miles to the community of Whitethorn. The major factors driving Garberville 1102 reliability performance are the remote mountainous service territory with increased vegetation-caused outage risks, overhead conductor exposure, and minimal ties to adjacent circuits for outage restoration support. In particular, reliability performance from 2021-2025 was driven by vegetation-caused outages.

An explanation of what is being done to improve the circuit's future performance:
Reliability improvement projects have been initiated on the Garberville 1102 circuit to minimize outage impacts on customers. Specifically, a total of 29 sets of fault indicators were installed from 2021 through February 2026 to help pinpoint problem locations and to support the outage restoration efforts. In addition, as part of the 2024 work plan, one recloser control was upgraded to enable DCD and improve restoration and fault targeting during EPSS enablement. A capacity-driven project completed 1.2 miles of system hardening in 2022. As part of the 2025 work plan, two fuse upgrades to fuse saver devices were completed to minimize the impacts of EPSS by re-establishing proper protection coordination. A recloser upgrade project has also been identified, with the implementation date to be determined based on project ranking and cost-effectiveness. The Garberville 1102 circuit is included as part of the multi-year System Hardening/Undergrounding/OH Removal Work Plan with 1.4 miles completed from 2019-2022 and no additional future projects currently identified. In addition, a potential Targeted Circuit project has been identified for the Garberville 1102 circuit to improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Incremental reliability improvement is anticipated following completion of the reliability work and the comprehensive Wildfire Mitigation Plan. In 2025, an 80 percent improvement in AIDI reliability performance and a 53 percent improvement in AIFI reliability performance were observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit project, with an expected 25 percent improvement in circuit AIDI and AIFI compared to the historical three-year average. Garberville 1102 circuit performance will continue to be monitored. Initiating reliability

improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

vi. GRAND ISLAND 2224

An explanation of why it was ranked as a "deficient" circuit:

- Three-year (2021-2023) average AIFI score of 6.43.
- Three-year (2022-2024) average AIFI score of 11.13.
- Three-year (2023-2025) average AIFI score of 13.41.

A historical record of the metric:

- AIFI 2021 = 0.98
- AIFI 2022 = 4.70
- AIFI 2023 = 13.42
- AIFI 2024 = 15.33
- AIFI 2025 = 11.15

An explanation of why it was on the deficiency list again:
The Grand Island 2224 circuit provides electric service to approximately 486 customers in Sacramento and San Joaquin Counties through 62 circuit-miles of primarily overhead conductor. The Grand Island 2224 circuit is comprised of one main branch that travels south along Steamboat Slough through a 5-mile stretch of predominantly agriculture fields and vineyards. The primary mainline section splits into various branches near the community of Isleton and extends throughout the slough wetlands of the Sacramento-San Joaquin River Delta. The major factors driving the Grand Island 2224 reliability performance are overhead equipment exposed to elevated corrosion conditions, agriculture terrain which limits restoration and maintenance accessibility, increased bird activity risks during the bird migration season, and minimal ties to adjacent circuits for outage restoration support. From 2023-2025, reliability performance was consistently driven by circuit breaker level outages associated with bird migration, primarily occurring during the November–February period. This seasonal avian activity remained the dominant contributor to outages each year. In both 2023 and 2025, equipment failure emerged as the secondary major cause, while in 2024 bird related circuit breaker operations were the sole primary driver. Overall, the three-year trend highlights a recurring pattern of avian related circuit breaker outages as the primary reliability challenge, with equipment issues contributing intermittently.

An explanation of what is being done to improve the circuit's future performance:
Reliability, capacity, and overhead asset replacement projects have been initiated on the Grand Island 2224 circuit to minimize outage impacts on customers. Specifically, a total of seven sets of fault indicators were installed from 2021 through March 2026 to help pinpoint problem locations and to support the outage restoration efforts. In addition, several overhead reconductoring projects have been initiated to improve overall circuit reliability by reducing bird-related outages and equipment failures through relocating overhead lines away from vineyards, undergrounding sections of the circuit, increasing overhead line to line spacing and incorporating bird-safe construction. As part of the 2023 and 2025 work plans, the circuit mainline outlet was relocated, resulting in 1.7 miles of new overhead and underground conductor being installed. As part of the 2026 work plan, an asset replacement project is

planned to relocate a mainline section totaling approximately 6.4 miles of new overhead conductor to address an existing double-circuit segment identified as a recurring bird-outage hotspot and to install two new reclosers to improve sectionalization. In addition, an overhead reconductoring project targeting approximately 0.4 miles along river crossing is planned, with an anticipated completion year of 2028. A potential Targeted Circuit project has been identified for the Grand Island 2224 circuit to reduce outage impacts on customers and improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Significant reliability improvement is anticipated following completion of the reliability, capacity, and overhead asset replacement work. The expected reliability performance for Grand Island 2224 is at least a 25 percent improvement in circuit AIFI compared to the historical three-year average following completion of the Targeted Circuit, capacity, and overhead asset replacement projects. Grand Island 2224 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process.

vii. GUALALA 1112

An explanation of why it was ranked as a "deficient" circuit:

- Three-year (2021-2023) average AIFI score of 6.37.
- Three-year (2022-2024) average AIFI score of 8.82.
- Three-year (2023-2025) average AIFI score of 11.28.

A historical record of the metric:

- AIFI 2021 = 2.97
- AIFI 2022 = 0
- AIFI 2023 = 16.14
- AIFI 2024 = 10.32
- AIFI 2025 = 7.32

An explanation of why it was on the deficiency list again:
The Gualala 1112 circuit provides electric service to approximately 1,272 customers in Mendocino County through 53 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and is classified as an EPSS circuit. The Gualala 1112 circuit is comprised of approximately 11 miles of mainline with various branches that travel through a mix of rural and cross-country terrain. Most of the mainline travels along Highway 1 near the coast and it is located within severe corrosion-designated areas, with most branches extending through mountainous and heavily wooded terrain. The major factors driving the Gualala 1112 reliability performance are remote service territory, overhead conductor exposure, vegetation exposure, winter-related storms, and being abnormally switched. The elevated outage activity observed from 2023-2025 was primarily driven by the Gualala 1112 circuit being abnormally switched and supporting the entire Gualala 1111 circuit due to a bank replacement project. Outages on the Gualala 1111 circuit were captured under Gualala 1112 circuit during that period. Over the five-year period, outage activity was primarily driven by vegetation-related outages, followed by equipment failures.

An explanation of what is being done to improve the circuit's future performance:
Reliability improvement projects have been initiated on the Gualala 1112 circuit to minimize outage impacts on customers. Specifically, a total of 36 sets of fault indicators were installed

from 2023-2025 to help pinpoint problem locations and to support the outage restoration efforts. As part of the 2024 work plan, one fuse installation project was completed to improve mainline protection, and one animal guard installation was also completed to reduce animal-related outages. As part of the 2025 work plan, a substation bank replacement project was completed, resulting in the Gualala 1111 and Gualala 1112 circuits returning to normal configuration. As part of the 2026 work plan, a reliability pole reframe project was completed. In addition, a potential Targeted Circuit project has been identified for the Gualala 1112 circuit to improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness. The Gualala 1112 circuit currently has no projects initiated as part of the multi-year System Hardening/Undergrounding/OH Removal Work Plan.

A quantitative description of the utility's expectation for that circuit's future performance:
Significant reliability improvement is anticipated following completion of the reliability work and the return of the Gualala 1111 and Gualala 1112 circuits to their normal configuration. In 2025, a 17 percent improvement in circuit AIFI reliability performance was observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit project, with an expected 25 percent improvement in circuit AIFI compared to the historical three-year average. Gualala 1112 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

viii. HOOPA 1101

An explanation of why it was ranked as a "deficient" circuit:

- Three-year (2021-2023) average AIFI score of 5.60 and AIDI score of 2,447.
- Three-year (2022-2024) average AIFI score of 7.18 and AIDI score of 3,168.
- Three-year (2023-2025) average AIFI score of 6.76 and AIDI score of 2,752.

A historical record of the metric:

- AIFI 2021 = 3.38
- AIFI 2022 = 6.89
- AIFI 2023 = 6.53
- AIFI 2024 = 8.14
- AIFI 2025 = 5.24
- AIDI 2021 = 1,885
- AIDI 2022 = 2,847
- AIDI 2023 = 2,607
- AIDI 2024 = 4,049
- AIDI 2025 = 1,228

An explanation of why it was on the deficiency list again:
The Hoopa 1101 circuit provides electric service to 1,587 customers in Humboldt County through 149 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and Tier 3 (Extreme Risk) and is classified as an EPSS circuit. The Hoopa 1101 circuit is comprised of three main sections. Section near Substation feeding the community of Hoopa up to Hwy 169 and Hwy 96 intersection. The mainline splits into two mainline branches. The eastern branch serves about a

third of the circuit customers through a 24-circuit-mile line section that traverses through remote mountainous terrain including the Six Rivers and Klamath National Forests and the community of Orleans. The western branch is a 20 circuit-mile line section that runs along the Klamath River and follows the Hwy 169 corridor between the communities of Weitchpec and Johnsons. The major factors driving the Hoopa 1101 reliability performance are the remote mountainous service territory with increased vegetation-caused outage risks, overhead conductor exposure, and minimal ties to adjacent circuits for outage restoration support. In particular, reliability performance from 2021-2025 was primarily driven by vegetation-caused outages.

An explanation of what is being done to improve the circuit's future performance:
Reliability projects have been initiated on the Hoopa 1101 circuit to minimize outage impacts on customers. Specifically, a total of 49 sets of fault indicators were installed from 2022 through April 2026 to help pinpoint problem locations and to support outage restoration efforts. In addition, as part of the 2026 work plan, one fuse upgrade to a fuse saver device and one recloser installation are planned to minimize the impacts of EPSS by re-establishing proper protection coordination. Two additional fuse upgrade projects to fuse saver devices have been identified, with the implementation date to be determined based on project ranking and cost-effectiveness. The Hoopa 1101 circuit is included as part of the multi-year System Hardening/Undergrounding/OH removal Work Plan with 0.23 miles completed from 2019-2025 and approximately 0.11 additional miles targeted by 2028. In addition, two potential Targeted Circuit projects have been identified for Hoopa 1101 to reduce outage impacts to customers and improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Incremental reliability improvement is anticipated following completion of the reliability work and the comprehensive Wildfire Mitigation Plan. In 2025, a 61 percent improvement in AIDI reliability performance and a 27 percent improvement in AIFI reliability performance were observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit projects, with an expected 25 percent improvement in circuit AIDI and AIFI compared to the historical three-year average. Hoopa 1101 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

ix. LOS GATOS 1106

An explanation of why it was ranked as a "deficient" circuit:
- Three-year (2021-2023) average AIFI score of 7.46.
- Three-year (2022-2024) average AIFI score of 8.40.
- Three-year (2023-2025) average AIFI score of 8.54.

A historical record of the metric:
- AIFI 2021 = 9.12
- AIFI 2022 = 6.25
- AIFI 2023 = 7.01
- AIFI 2024 = 10.96

- AIFI 2025 = 7.20

An explanation of why it was on the deficiency list again:
Los Gatos 1106 is located approximately seven miles southwest of San Jose in De Anza Division. The Los Gatos 1106 circuit provides electric service to approximately 2,193 customers in Santa Clara County through 101 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and Tier 3 (Extreme Risk) and is classified as an EPSS circuit. The Los Gatos 1106 circuit comprises one main branch that travels south along Highway 17 through a three-mile stretch of mountainous terrain including Lexington Reservoir Park. The primary mainline section splits into various branches near Lexington Reservoir and extends into the Santa Cruz mountains. The major factors driving the Los Gatos 1106 reliability performance are the mountainous service territory with increased vegetation-caused outage risk, overhead conductor exposure, and minimal ties to adjacent circuits for outage restoration support. The primary drivers of reliability performance from 2021-2025 were implementation of the EPSS scheme and vegetation-caused outages.

An explanation of what is being done to improve the circuit's future performance:
The Los Gatos 1106 circuit is included in the multi-year System Hardening/Undergrounding/ OH Removal Work Plan, with 6.2 miles completed from 2019-2023 and approximately 0.07 additional miles targeted by 2027. Reliability improvement projects have been initiated on the Los Gatos 1106 circuit to minimize outage impacts on customers. Specifically, a total of 48 sets of fault indicators were installed from 2021-2025 to help pinpoint problem locations and support outage restoration efforts. As part of the 2024 work plan, two fuse upgrades to fuse saver devices were completed to help reestablish proper protection coordination, along with one recloser installation project to improve sectionalization. As part of the 2025 and 2026 work plans, five additional fuse upgrades to fuse saver devices and one animal guard project were completed. Two projects to upgrade overhead SCADAMATE switch devices to reclosers have been identified, with the implementation date to be determined based on project ranking and cost-effectiveness. In addition, two potential Targeted Circuit projects have been identified for Los Gatos 1106 to reduce outage impacts on customers and improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Incremental reliability improvement is anticipated following completion of the reliability work and the comprehensive Wildfire Mitigation Plan. In 2025, a 14 percent improvement in circuit AIFI reliability performance was observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit projects, with an expected 25 percent improvement in circuit AIFI compared to the historical three-year average. Los Gatos 1106 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

x. OILFIELDS 1103

An explanation of why it was ranked as a "deficient" circuit:
- Three-year (2021-2023) average AIFI score of 6.69.

- Three-year (2022-2024) average AIFI score of 8.14.
- Three-year (2023-2025) average AIFI score of 7.22.

A historical record of the metric:

- AIFI 2021 = 1.01
- AIFI 2022 = 7.27
- AIFI 2023 = 11.76
- AIFI 2024 = 5.39
- AIFI 2025 = 4.46

An explanation of why it was on the deficiency list again:
The Oilfields 1103 circuit provides electric service to approximately 2,496 customers in Monterey and San Luis Obispo Counties through 172 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and is classified as an EPSS circuit. The Oilfields 1103 circuit is comprised of several branches near Lake San Antonio that support a predominantly unincorporated community west of Bradley. The major factors driving the Oilfields 1103 reliability performance are the remote service territory, overhead conductor exposure, and minimal ties to adjacent circuits for outage restoration support. From 2022-2025, the primary driver of reliability performance was implementation of the EPSS, with outage activity driven primarily by unknown causes.

An explanation of what is being done to improve the circuit's future performance:
Reliability projects have been initiated on the Oilfields 1103 circuit to minimize outage impacts on customers, improve sectionalization, and minimize animal-caused outages. Specifically, as part of the 2021 through 2026 work plans several projects were completed, including the installation of one recloser, upgrading three recloser controls, one recloser upgrade, and 15 animal guard locations. One additional recloser control upgrade project is anticipated to be completed in 2026. In addition, a total of 46 sets of fault indicators were installed from 2021 through February 2026 to help pinpoint problem locations and support outage restoration efforts. Two additional projects to install a recloser and upgrade an overhead SCADAMATE switch to recloser have been identified, with the implementation date to be determined based on project ranking and cost-effectiveness. The Oilfields 1103 circuit is included as part of the multi-year System Hardening/Undergrounding/OH Removal Work Plan with 0.42 miles completed in 2022 and no additional future projects currently identified. In addition, two potential Targeted Circuit projects have been identified for the Oilfields 1103 to reduce outage impacts to customers and improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Significant reliability improvement is anticipated following completion of the reliability work. In 2025, a 45 percent improvement in circuit AIFI reliability performance was observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit projects, with an expected 25 percent improvement in circuit AIFI compared to the historical three-year average. Oilfields 1103 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process

or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

xi. PIT NO 5 1101

An explanation of why it was ranked as a "deficient" circuit:

- Three-year (2021-2023) average AIDI score of 3,459.
- Three-year (2022-2024) average AIDI score of 3,605.
- Three-year (2023-2025) average AIDI score of 4,173.

A historical record of the metric:

- AIDI 2021 = 2,353
- AIDI 2022 = 243
- AIDI 2023 = 7,790
- AIDI 2024 = 2,780
- AIDI 2025 = 1,422

An explanation of why it was on the deficiency list again:
The Pit No 5 1101 circuit provides electric service to approximately 97 customers in Big Bend and Shasta County through 28 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and is classified as an EPSS circuit. The major factors driving the Pit No 5 1101 reliability performance are the remote service territory, overhead conductor exposure and minimal ties to adjacent circuits for outage restoration support. The main drivers for the Pit No 5 1101 AIDI reliability performance were a single vegetation-caused outage in 2021 and two vegetation-caused outages during the winter months of 2023. The primary driver of 2024 reliability performance was a single outage with multiple problem locations during a rainstorm event. In 2025, the primary driver of reliability performance was the implementation of the EPSS, with outage activity driven primarily by overhead equipment failures and one outage of unknown cause.

An explanation of what is being done to improve the circuit's future performance:
Reliability projects have been initiated on the Pit No 5 1101 circuit to minimize outage impacts on customers. Specifically, as part of the 2022 work plan, a project was completed to install a new recloser to improve operational flexibility. In addition, a total of four sets of fault indicators were installed from 2023-2025 to help pinpoint problem locations and support outage restoration efforts. The Pit No 5 1101 circuit is included in the multi-year System Hardening/Undergrounding/OH Removal Work Plan, with approximately 7.26 miles targeted by 2028. In addition, a potential Targeted Circuit project has been identified for the Pit No 5 1101 circuit to improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Significant reliability improvement is anticipated following completion of the reliability and the System Hardening/Undergrounding/OH Removal Work Plan. In 2025, a 61 percent improvement in circuit AIDI reliability performance was observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit project, with an expected 25 percent improvement in circuit AIDI compared to the historical three-year average. Although reliability improvement is anticipated following completion of the system hardening projects, expected reliability benefits are not quantified for this program because the primary driver of system hardening is wildfire risk reduction. Pit No 5 1101 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be

performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

xii. POSO MOUNTAIN 2101

An explanation of why it was ranked as a "deficient" circuit:

- Three-year (2021-2023) average AIDI score of 2,859 and AIFI score of 7.97.
- Three-year (2022-2024) average AIDI score of 3,036 and AIFI score of 8.40.
- Three-year (2023-2025) average AIDI score of 2,965 and AIFI score of 7.49.

A historical record of the metric:

- AIDI 2021 = 893
- AIDI 2022 = 2,980
- AIDI 2023 = 4,691
- AIDI 2024 = 1,449
- AIDI 2025 = 2,746
- AIFI 2021 = 3.40
- AIFI 2022 = 6.51
- AIFI 2023 = 13.96
- AIFI 2024 = 4.75
- AIFI 2025 = 3.42

An explanation of why it was on the deficiency list again:
The Poso Mountain 2101 circuit provides electric service to approximately 130 customers in Kern County through 59 circuit-miles of entirely overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and is classified as an EPSS circuit. The Poso Mountain 2101 circuit is comprised of several branches that support a predominantly unincorporated community north of Bakersfield. The major factors driving the Poso Mountain 2101 reliability performance are overhead conductor exposure, animal (bird) caused outages, and minimal ties to adjacent circuits for outage restoration support. From 2022 through 2025, the primary driver of reliability performance was implementation of the Enhanced Powerline Safety Settings (EPSS), with outage activity driven primarily by unknown causes and animal-related outages.

An explanation of what is being done to improve the circuit's future performance:
Reliability projects have been initiated on the Poso Mountain 2101 circuit to minimize outage impacts on customers, improve sectionalization, and reduce animal-caused outages. Specifically, as part of the 2022 and 2023 work plans, several projects were completed, including the installation of three reclosers, four overhead fuses, and one animal guard location. In addition, 42 sets of fault indicators were installed from 2021-2025 to help pinpoint problem locations and support outage restoration efforts. As part of the 2024 work plan, three animal guard locations were completed to reduce bird/animal caused outages, and two recloser controls were upgraded to enable DCD and improve restoration and fault targeting during EPSS enablement. In addition, as part of the 2025 work plan, one recloser installation was completed to minimize EPSS impacts by improving sectionalization. A recloser upgrade project has also been identified to improve the EPSS protection and coordination scheme, with the implementation date to be determined based on project ranking and cost-effectiveness. As part

of the Avian Protection Plan, a total of 115 animal guard locations were completed from 2023-2024 to reduce animal-cause outages. The Poso Mountain 2101 circuit is included in the multi-year System Hardening/Undergrounding/OH Removal Work Plan with 0.4 miles completed in 2024 and no additional future projects currently identified.

A quantitative description of the utility's expectation for that circuit's future performance:
Incremental reliability improvement is anticipated following completion of the reliability projects. In 2025, a 10 percent improvement in AIDI reliability performance and a 59 percent improvement in AIFI reliability performance were observed compared to the three-year outage history from 2022-2024. Poso Mountain 2101 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

xiii. POSO MOUNTAIN 2103

An explanation of why it was ranked as a "deficient" circuit:
- Three-year (2021-2023) average AIDI score of 1,702.
- Three-year (2022-2024) average AIDI score of 2,217.
- Three-year (2023-2025) average AIDI score of 2,352.

A historical record of the metric:
- AIDI 2021 = 0
- AIDI 2022 = 987
- AIDI 2023 = 4,188
- AIDI 2024 = 1,477
- AIDI 2025 = 1,207

An explanation of why it was on the deficiency list again:
The Poso Mountain 2103 circuit provides electric service to approximately 21 customers in Kern County through 16 circuit-miles of entirely overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and is classified as an EPSS circuit. The Poso Mountain 2103 circuit mainline travels east of S Granite Road through remote, hilly terrain to Pine Mountain Road. The major factors driving the Poso Mountain 2103 reliability performance are overhead conductor exposure, animal (bird) caused outages, and minimal ties to adjacent circuits for outage restoration support. From 2022-2025, the primary driver of reliability performance was the implementation EPSS, with outage activity driven primarily by animal-related outages and extended outages requiring helicopter patrols because of access constraints.

An explanation of what is being done to improve the circuit's future performance:
Reliability projects have been initiated on the Poso Mountain 2103 circuit to minimize outage impacts on customers. Specifically, six sets of fault indicators were installed from 2023-2024 to help pinpoint problem locations and support outage restoration efforts. In addition, one recloser installation project was completed to minimize the impacts of EPSS by improving sectionalization. The Poso Mountain 2103 circuit is included in the multi-year System Hardening/Undergrounding/OH Removal Work Plan, with 0.24 miles completed from 2022-2023 and no additional future projects currently identified. In addition, a potential Targeted Circuit

project has been identified for the Poso Mountain 2103 circuit to improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Incremental reliability improvement is anticipated following completion of the base reliability projects. In 2025, a 46 percent improvement in circuit AIDI reliability performance was observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit project, with an expected 25 percent improvement in circuit AIDI compared to the historical three-year average. Poso Mountain 2103 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

xiv. WILLOW CREEK 1103

An explanation of why it was ranked as a "deficient" circuit:
- Three-year (2021-2023) average AIDI score of 2,225.
- Three-year (2022-2024) average AIDI score of 1,842.
- Three-year (2023-2025) average AIDI score of 1,847.

A historical record of the metric:
- AIDI 2021 = 2,593
- AIDI 2022 = 1,067
- AIDI 2023 = 2,992
- AIDI 2024 = 1,451
- AIDI 2025 = 972

An explanation of why it was on the deficiency list again:
The Willow Creek 1103 circuit provides electric service to approximately 1,326 customers in Humboldt and Trinity Counties through 89 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and Tier 3 (Extreme Risk) and is classified as an EPSS circuit. The Willow Creek 1103 circuit comprises two main branches that travel south and southeast through remote, mountainous terrain, including the Six Rivers and Trinity National Forests. The major factors driving the Willow Creek 1103 reliability performance are the remote mountainous service territory with increased vegetation-caused outage risk, overhead conductor exposure, and minimal ties to adjacent circuits for outage restoration support. From 2021-2023, the primary driver of reliability performance was the implementation EPSS, with outage activity driven primarily by unknown and vegetation-caused outages. The primary driver of 2024 reliability performance was overhead equipment failures. In 2025, reliability performance was driven by vegetation-caused outages.

An explanation of what is being done to improve the circuit's future performance:
Reliability projects have been initiated on the Willow Creek 1103 circuit to minimize outage impacts on customers. Specifically, 43 sets of fault indicators were installed from 2022-2025 to help pinpoint problem locations and support outage restoration efforts. As part of the 2025 work

plan, one fuse upgrade to a fuse saver device was completed to minimize the impacts of EPSS by re-establishing proper protection coordination, and one additional location is anticipated to be completed in 2026. The Willow Creek 1103 circuit is included in the multi-year System Hardening/Undergrounding/OH Removal Work Plan, with 9.9 miles completed from 2019 through 2023 and no additional future projects currently identified. In addition, a Targeted Circuit project has been initiated to reduce the number of outages and improve overall circuit reliability, with 12 locations completed in 2025 and an additional 17 locations anticipated to be completed in 2026. Two additional potential Targeted Circuit projects have been identified for the Willow Creek 1103 circuit. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Significant reliability improvement is anticipated following completion of the reliability work and system hardening projects. In 2025, a 47 percent improvement in circuit AIDI reliability performance was observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit projects, with an expected 25 percent improvement in circuit AIDI compared to the historical three-year average. Willow Creek 1103 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

xv. WOODSIDE 1101

An explanation of why it was ranked as a "deficient" circuit:
- Three-year (2021-2023) average AIDI score of 2,124.
- Three-year (2022-2024) average AIDI score of 2,449.
- Three-year (2023-2025) average AIDI score of 3,077.

A historical record of the metric:
- AIDI 2021 = 224
- AIDI 2022 = 267
- AIDI 2023 = 5,888
- AIDI 2024 = 1,206
- AIDI 2025 = 2,115

An explanation of why it was on the deficiency list again:
The Woodside 1101 circuit provides electric service to approximately 1,741 customers in San Mateo County through 75 circuit-miles of primarily overhead conductor. This circuit also serves customers located in the CPUC High Fire-Threat District - Tier 2 (Elevated Risk) and High Fire-Threat District - Tier 3 (Extreme Risk) and is classified as an EPSS circuit. The Woodside 1101 circuit consists of approximately 23 miles of mainline with various branches that travel through multiple nature preserves, the town of Woodside, and the town of Portola Valley. The major factors driving Woodside 1101 reliability performance are overhead conductor exposure, vegetation exposure and rainstorm-related impacts. The elevated outage activity observed in 2023 was primarily driven by a single vegetation-caused outage during multi-day winter storm event, which accounted for approximately half of the circuit’s five-year AIDI total. Outage activity

in 2024 was primarily driven by vegetation-caused outages, while 2025 outage activity was primarily driven by outages of unknown cause.

An explanation of what is being done to improve the circuit's future performance:
Reliability projects have been initiated on the Woodside 1101 circuit to minimize outage impacts on customers. Specifically, a total of 27 sets of fault indicators were installed from 2021-2025 to help pinpoint problem locations and support outage restoration efforts. In addition, as part of the 2023-2025 work plans, several projects were completed on the Woodside 1101 circuit. These projects include the installation of three fuse saver devices to minimize EPSS impacts by improving sectionalization, the upgrade of five recloser controls to enable DCD and improve restoration and fault targeting during EPSS enablement, and the installation of one animal guard location to reduce animal-related outages. One additional recloser installation project has been identified; however, it is to be determined based on the validated effectiveness of identified projects. The Woodside 1101 circuit is included in the multi-year System Hardening/Undergrounding/OH Removal Work Plan with 2.35 miles completed from 2019-2025 and no additional future projects currently identified. In addition, a potential Targeted Circuit project has been identified for the Woodside 1101 circuit to improve overall circuit reliability. The implementation date will be determined based on project ranking and cost-effectiveness.

A quantitative description of the utility's expectation for that circuit's future performance:
Significant reliability improvement is anticipated following completion of the reliability work and the System Hardening/Undergrounding Work Plan. In 2025, a 14 percent improvement in circuit AIDI reliability performance was observed compared to the three-year outage history from 2022-2024. Additional reliability improvement is anticipated following completion of the Targeted Circuit project, with an expected 25 percent improvement in circuit AIDI compared to the historical three-year average. Woodside 1101 circuit performance will continue to be monitored. Initiating reliability improvement work to address identified re-occurring outage activity will continue to be performed as part of the Outage Review Process. In addition, this circuit is included in the EPSS post-outage improvement effort, under which each EPSS outage is reviewed to determine whether vegetation or wildlife contributed to the outage. When either factor is identified, appropriate vegetation management under the VMOM process or wildlife mitigation measures are implemented to reduce the likelihood of recurrence.

6. Top 10 Major Unplanned Power Outage Events of 2025

Table 29 below captures the top 10 Major Unplanned Outage Events as below for 2025, including the cause and the location of each outage.

Outages are ranked by customers affected.

Table 29

Top 10 Major Unplanned Outages by Customers Affected						
Rank	**Outage Date**	**Cause**	**Location**	**Customers Affected**	**SAIDI**	**SAIFI**
1	12/20/2025	Equipment Failure/Involved	San Francisco	122,383	15.2	0.022
2	6/19/2025, 6/20/2025	Company Initiated	Stockton	85,790	5.5	0.015
3	1/16/2025	Equipment Failure/Involved	Peninsula	33,918	1.2	0.006
4	5/7/2025	3rd Party	Central Coast	27,777	0.9	0.005
5	12/8/2025	3rd Party	San Francisco	21,900	0.4	0.004
6	12/24/2025	Equipment Failure/Involved	De Anza	21,153	0.5	0.004
7	5/29/2025	Unknown Cause|Equipment Failure/Involved| Company Initiated	Sierra	21,100	0.9	0.004
8	7/19/2025	Equipment Failure/Involved	Sonoma	19,637	0.6	0.003
9	10/3/2025	Environmental/External	Sierra	19,470	0.0	0.003
10	8/12/2025	Company Initiated	Central Coast	17,777	0.3	0.003

7. Summary List of Major Event Day (MED) Events per IEEE 1366

Table 30 below includes the location and cause of the MED events occurring in 2025.

Table 30

Date	Description
June 19, 2025	A low-pressure system passed over the Pacific Northwest and eventually into Northern California, resulting in strong onshore winds. These onshore winds were combined with low relative humidity over the eastern slopes of coastal terrain and western Central Valley regions. Peak wind gusts on June 19th were in the Bay Area where gusts to 50-60 mph occurred. Strong winds occurred on the coast, but relative humidity was much higher west of I-680. Minimum RH values were in the teens across east slopes of the Coast Range and western Central Valley.
December 20, 2025	At approximately 1304 hours on Saturday, December 20, 2025, an arc-flash event and subsequent fire occurred at the SF X (Mission) Substation, located at 8th and Mission Street in San Francisco. For the safety of emergency responders and firefighters, the Mission Substation was de-energized resulting in an outage impacting roughly 120,000 customers. Approximately 80% of affected customers were restored within 13 hours, with full restoration completed within three days. Beginning in December, Exponent, a leading expert in engineering and forensic analysis, conducted an extensive, independent review of the Mission Substation fire that caused the outage. Exponent concluded that the December 20 event did not result from a single direct cause; rather, the event most likely occurred due to a combination of environmental, physical and design factors, including: equipment design, building ventilation, weather, moisture and contamination, and heater design. The building's open design, along with a specific weather pattern, caused high humidity inside the substation. High humidity and low temperatures created conditions for condensation to occur on the back of an "insulating board", a protective piece of equipment. A cubicle heater, which might have mitigated moisture, was configured, per industry standard, to not be energized. In the presence of this moisture and contamination, breaker arms made contact with the insulating board. This resulted in "electric tracking," a condition that allows electricity to flow where it shouldn't. The combination of these conditions led to an "arc flash", which led to the fire. To address these issues, PG&E has taken a series of immediate and significant to improve local reliability, resiliency and service for San Francisco customers. This includes enhanced inspections across all 31 substations in San Francisco (including drone and infrared inspections), more than 1,500 priority maintenance upgrades, weather-proofing for all 16 San Francisco substations, improved situational awareness and new training for PG&E teams. Along with preventing another similar incident, this work is expected to meaningfully improve day-to-day reliability for residents, small businesses, and essential services throughout the city.
December 23-25, 2025	The first day of a 3-day event featured strong southerly winds, prolonged, and occasionally heavy rain, and thunderstorms. A potent cold front moved onshore Tuesday night (December 23rd to December 24th), resulting in strong southerly wind gusts across most coastal divisions. Gusty winds and heavy rain continued on the 24th along with frequent lightning. Another strong cold front arrived Wednesday night (December 24th to December 25th), resulting in continued widespread gusty southerly winds, heavy rain, and thunderstorms. Lightning was mostly focused over the northern half of the territory and on December 24th and 25th. Through the event, maximum wind gusts ranged from 60-80 mph, but isolated gusts over 100 mph also occurred. While precipitation was widespread, event totals encompassed a wide range from around 1 to 10 inches with the highest values in the mountains.

Table 31 below includes the number of customers without service at periodic intervals for the MED events occurring in 2025.

Table 31

Outage Duration	Number of Customers Affected for Each Duration Period				
Outage Date	**6/19/2025**	**12/20/2025**	**12/23/2025**	**12/24/2025**	**12/25/2025**
0 to 1 HRS	11,868	8,589	14,151	67,552	72,928
1 to 5 HRS	40,613	9,949	22,769	119,183	106,105
5 to 10 HRS	37,826	85,758	3,172	33,898	61,516
10 to 15 HRS	10,101	12,865	1,460	14,659	16,026
15 to 20 HRS	1,710	26	3,738	15,095	8,225
20 to 24 HRS	0	6,555	1,702	1,563	1,658
>=1 AND <=2 days	3,769	10,176	4,391	9,338	7,359
>=2 AND <=3 days	1,153	3,527	5,759	8,319	1,104
>=3 AND <=4 days	92	0	1,766	2,740	67
>=4 AND <=5 days	0	0	234	629	5
>=5 AND <=6 days	0	0	11	310	6
>=6 AND <=7 days	0	0	0	4	0
>7 days	0	0	0	6	0
Total	**107,132**	**137,445**	**59,153**	**273,296**	**274,999**

8. Historical 10 Largest Unplanned Outage Events for 2016-2025

Table 32 below contains the 10 largest unplanned outage events based on customers affected for each year from 2016-2025.

Table 32

Rank	Outage Date	Cause	Location	Customers Affected	SAIDI	SAIFI
2016						
1	12/10/2016	Equipment Failure/Involved	East Bay	42,063	1.1	0.008
2	4/25/2016	Equipment Failure/Involved	East Bay	38,670	1.2	0.007
3	6/16/2016	Equipment Failure/Involved	Fresno	35,394	0.2	0.006
4	6/16/2016	Equipment Failure/Involved	Fresno	33,441	0.2	0.006
5	11/17/2016	Equipment Failure/Involved	Diablo	27,219	0.5	0.005
6	8/4/2016	Company Initiated	San Francisco	20,226	0.2	0.004
7	6/5/2016	Equipment Failure/Involved	Peninsula	15,521	0.3	0.003
8	10/16/2016	Equipment Failure/Involved	Yosemite	15,490	0.2	0.003
9	1/13/2016	Unknown Cause	Central Coast	14,501	0.0	0.003
10	10/5/2016	3rd Party	Sonoma, Humboldt	13,780	0.3	0.003
2017						
1	4/21/2017	Equipment Failure/Involved	San Francisco	87,616	4.8	0.016
2	2/22/2017	Equipment Failure/Involved	Mission	40,643	0.6	0.007
3	1/18/2017	Equipment Failure/Involved	San Francisco	26,867	0.3	0.005
4	11/11/2017	Equipment Failure/Involved	East Bay	22,042	0.0	0.004
5	1/10/2017	Vegetation	San Jose	21,727	0.5	0.004
6	4/10/2017	Company Initiated, Animal	Central Coast	17,458	0.0	0.003
7	2/17/2017	Unknown Cause	Central Coast	17,448	0.8	0.003
8	7/8/2017	Animal	Yosemite	17,283	0.2	0.003
9	1/8/2017	Vegetation	Peninsula	14,950	0.4	0.003
10	10/9/2017	Equipment Failure/Involved	Sonoma	14,696	8.9	0.003
2018						
1	5/17/2018	3rd Party	Fresno	69,147	3.0	0.012
2	11/22/2018	Unknown Cause	North Bay	27,579	0.0	0.005
3	11/21/2018	Equipment Failure/Involved	Diablo	26,024	0.5	0.005
4	12/19/2018	Company Initiated	Yosemite	24,591	0.1	0.004
5	9/10/2018	Equipment Failure/Involved	San Jose	19,310	0.2	0.003
6	10/2/2018	Company Initiated|Equipment Failure/Involved	North Bay	19,304	0.2	0.003
7	1/26/2018	Animal	East Bay	17,855	0.3	0.003
8	7/1/2018	Animal	Sonoma	16,117	0.3	0.003
9	10/3/2018	Equipment Failure/Involved	Los Padres	13,907	0.3	0.003
10	5/22/2018	Company Initiated	Diablo	10,852	0.0	0.002

2019						
1	9/29/2019	Equipment Failure/Involved	East Bay	50,005	1.5	0.009
2	2/23/2019	3rd Party	Los Padres	27,407	0.7	0.005
3	8/15/2019	Company Initiated	Sonoma	23,087	0.4	0.004
4	5/3/2019	Equipment Failure/Involved	San Jose	22,765	0.4	0.004
5	9/20/2019	3rd Party	San Francisco	22,424	0.5	0.004
6	6/5/2019	Equipment Failure/Involved	Fresno	22,000	0.4	0.004
7	2/17/2019	Equipment Failure/Involved	De Anza	21,674	0.5	0.004
8	6/12/2019	Equipment Failure/Involved	San Francisco	18,663	0.2	0.003
9	12/8/2019	Environmental/External	Fresno	18,117	0.0	0.003
10	1/24/2019	Company Initiated	Mission	17,767	0.2	0.003
2020						
1	12/15/2020	Company Initiated	Central Coast	50,421	0.2	0.009
2	08/15/2020, 08/16/2020, 08/17/2020, 08/18/2020	Equipment Failure/Involved	Mission	37,193	1.7	0.007
3	3/16/2020	Company Initiated	Fresno	35,305	0.1	0.006
4	3/16/2020	Company Initiated	Fresno	34,232	0.1	0.006
5	09/07/2020, 09/08/2020	Wildfire Mitigation	Sierra	23,437	6.9	0.004
6	6/2/2020	3rd Party	North Bay	23,120	1.4	0.004
7	2/1/2020	Equipment Failure/Involved	Los Padres	21,474	1.0	0.004
8	5/18/2020	Unknown Cause	Sierra	20,858	0.0	0.004
9	12/17/2020	Unknown Cause	Sacramento	16,290	0.0	0.003
10	08/17/2020, 08/20/2020	Environmental/External|Company Initiated	Sacramento	15,922	1.6	0.003
2021						
1	8/26/2021	Environmental/External	Yosemite	36,998	1.9	0.007
2	11/3/2021	Unknown Cause	Yosemite	35,330	0.4	0.006
3	6/19/2021	Equipment Failure/Involved	Mission	34,462	0.7	0.006
4	9/25/2021	Equipment Failure/Involved	Peninsula	34,059	0.7	0.006
5	5/15/2021	Unknown Cause	Yosemite	25,715	0.8	0.005
6	1/25/2021	Equipment Failure/Involved	Stockton	21,413	0.9	0.004
7	09/19/2021, 09/20/2021	Company Initiated|Equipment Failure/Involved	East Bay	19,782	0.5	0.003
8	3/9/2021	Company Initiated	Peninsula	19,219	0.1	0.003
9	6/19/2021	Equipment Failure/Involved	Mission	17,362	0.5	0.003
10	4/15/2021	Equipment Failure/Involved	Yosemite	16,902	1.2	0.003
2022						
1	8/24/2022	Company Initiated	Sierra	56,953	0.6	0.01
2	5/26/2022	Equipment Failure/Involved	Sierra	41,774	0.8	0.007
3	07/20/2022, 07/21/2022	Company Initiated| Equipment Failure/Involved| Animal	Central Coast	32,275	1.6	0.006
4	3/3/2022	Company Initiated	East Bay	32,168	0.4	0.006
5	6/4/2022	Equipment Failure/Involved	Central Coast	30,094	0.1	0.005
6	6/10/2022	Company Initiated	Kern	29,230	0.3	0.005
7	8/25/2022	Equipment Failure/Involved, Animal	East Bay	23,530	0.3	0.004
8	1/13/2022	Equipment Failure/Involved	Diablo	21,752	0.2	0.004
9	5/3/2022	Company Initiated	Stockton	20,553	0.1	0.004
10	1/8/2022	3rd Party| Company Initiated| Equipment Failure/Involved	Sonoma, Humboldt	19,055	1.3	0.003

2023						
1	2/19/2023	Equipment Failure/Involved	East Bay	54,102	4.9	0.009
2	6/1/2023	Animal	Central Coast	28,338	0.1	0.005
3	12/18/2023	Equipment Failure/Involved	San Jose	18,405	0.5	0.003
4	7/25/2023	Equipment Failure/Involved	Stockton	17,810	0.4	0.003
5	6/1/2023	Animal	Central Coast	17,719	0.2	0.003
6	9/21/2023	Equipment Failure/Involved	De Anza	15,583	0.3	0.003
7	9/2/2023	Unknown Cause	Yosemite	14,959	0.5	0.003
8	1/4/2023	Unknown Cause	San Jose	14,507	0.1	0.003
9	6/1/2023	Animal	Central Coast	13,808	0.0	0.002
10	3/22/2023	Equipment Failure/Involved	Peninsula	13,200	0.7	0.002
2024						
1	2/8/2024	Equipment Failure/Involved	North Bay	30,915	1.1	0.005
2	7/16/2024	Animal	Los Padres	28,153	0.4	0.005
3	07/21/2024, 07/22/2024	Equipment Failure/Involved	Kern	26,254	0.5	0.005
4	3/1/2024	Unknown Cause	Sonoma	23,559	0.4	0.004
5	2/29/2024	Company Initiated	De Anza	22,484	0.3	0.004
6	10/5/2024	Equipment Failure/Involved	Peninsula	20,746	0.2	0.004
7	4/5/2024	Environmental/External	North Bay	20,024	0.0	0.003
8	6/26/2024	Equipment Failure/Involved	Sonoma	17,234	0.3	0.003
9	2/4/2024	Unknown Cause	Stockton	17,020	1.5	0.003
10	11/18/2024	Equipment Failure/Involved	San Francisco	14,379	0.2	0.002
2025						
1	12/20/2025	Equipment Failure/Involved	San Francisco	122,383	15.2	0.022
2	06/19/2025, 06/20/2025	Company Initiated	Stockton	85,790	5.5	0.015
3	1/16/2025	Equipment Failure/Involved	Peninsula	33,918	1.2	0.006
4	5/7/2025	3rd Party	Central Coast	27,777	0.9	0.005
5	12/8/2025	Equipment Failure/Involved	San Francisco	21,900	0.4	0.004
6	12/24/2025	Equipment Failure/Involved	De Anza	21,153	0.5	0.004
7	5/29/2025	Unknown Cause|Equipment Failure/Involved| Company Initiated	Sierra	21,100	0.9	0.004
8	7/19/2025	Equipment Failure/Involved	Sonoma	19,637	0.6	0.003
9	10/3/2025	Environmental/External	Sierra	19,470	0.0	0.003
10	**8/12/2025**	Company Initiated	Central Coast	17,777	0.3	0.003

9. The Number of Customer Inquiries on Reliability Data and the Number of Days per Response

The following table provides the total number of customer inquiries and PG&E response times for the year 2025.

Table 33 – Electric Reliability Customer Inquiries

YTD ESR 2025 Closed cases							
Division	**Total Cases**	**Closed 0-7 Days**	**Closed 8-14 Days**	**Closed >14 Days**	**% Closed 0-7 Days**	**% Closed 8-14 Days**	**% Closed >14 Days**
Central Coast	118	102	9	7	86%	8%	6%
De Anza	62	51	7	4	82%	11%	6%
Diablo	90	86	4	0	96%	4%	0%
East Bay	57	55	2	0	96%	4%	0%
Fresno	58	58	0	0	100%	0%	0%
Humboldt	22	22	0	0	100%	0%	0%
Kern	42	40	2	0	95%	5%	0%
Los Padres	66	57	8	1	86%	12%	2%
Mission	95	95	0	0	100%	0%	0%
North Bay	96	79	8	9	82%	8%	9%
North Valley	40	32	3	5	80%	8%	13%
Peninsula	116	106	7	3	91%	6%	3%
Sacramento	29	25	2	2	86%	7%	7%
San Francisco	85	46	34	5	54%	40%	6%
San Jose	89	63	24	2	71%	27%	2%
Sierra	76	66	4	6	87%	5%	8%
Sonoma	85	77	4	4	91%	5%	5%
Stockton	53	49	3	1	92%	6%	2%
Yosemite	27	27	0	0	100%	0%	0%
Grand Total	**1,306**	**1,136**	**121**	**49**	**87%**	**9%**	**4%**

Note: ESR = Electric Service Reliability (Recurring Outages). This Includes ESR cases created on or after January 1, 2025, and closed as of December 31, 2025. It excludes canceled and re-directed ESR tickets. Re-directed help tickets are initially categorized as an ESR ticket but subsequently determined to be non-reliability related and then forwarded to the appropriate department. An example of a re-direct: a customer calls regarding a PG&E planned outage. This request is forwarded to the maintenance and construction department, and a new help ticket is created.

10. Appendix A – Definitions, Acronyms and Abbreviations

AIDI – Average Interruption Duration Index (AIDI) for sustained outages only.
AIFI – Average Interruption Frequency Index (AIFI) for sustained outages only.
Customer – A metered electrical service point for which an active bill account is established at a specific location.
CAIDI – The Customer Average Interruption Duration Index (CAIDI) represents the average time required to restore service.
CESO – A term that counts the number of Customers Experiencing Sustained Outages (CESO).
DART – Distribution Asset Reconciliation Tools (DART), which is a distribution asset database used by PG&E.
DCD – Downed Conductor Detection (DCD) scheme.
Distribution system – The portion of an electric system that delivers electric energy from transformation points on the transmission system to the customer. PG&E defines its distribution system as line voltage less than 60 kilovolts (kV). The distribution system is generally considered to be anything from the distribution substation fence to the transformer prior to stepping down the voltage to the customer premise.
EPSS – Enhanced Powerline Safety Settings.
ILIS – Integrated Logging and Information System (ILIS), which is the tool PG&E's distribution operators use to log electric outages.
ISO – The California Independent System Operator (ISO), which operates the transmission system throughout most of the State of California, including throughout PG&E's service area.
Major Event – Designates an event that exceeds reasonable design and or operational limits of the electric power system. A Major Event includes at least one Major Event Day as defined by IEEE. As per D16-01-008 the term Major Event Day instead of Major Event.
MED – A Major Event Day (MED) in which the daily System Average Interruption Duration Index (SAIDI) exceeds a Major Event Day threshold (T_{MED}) value. For the purposes of calculating daily system SAIDI, any interruption that spans multiple calendar days is accrued to the day on which the interruption began.
MAIFI – The Momentary Average Interruption Frequency Index (MAIFI) indicates the average frequency of momentary interruptions. PG&E's momentary outage reporting tools were originally designed to track momentary outages based on D.96-09-045. As provided in D.16-01-008, the provided $MAIFI_E$ metric is the same as what PG&E has used in its prior annual reliability reports and corresponds to the $MAIFI_E$ definition contained in the IEEE Guide for Electric Power Distribution Reliability Indices (IEEE 1366 standard). This definition counts multiple outage interruptions that occur close to each other in time as a single momentary outage event. The metric is equal to the total number of customer momentary interruption events divided by the total number of customers served and does not include the events immediately preceding a sustained interruption.
Momentary interruption – The brief (five minutes or less) loss of power delivery to one or more customers caused by the opening and closing operation of an interrupting device.
Non-Restorable – PG&E utilizes a non-restorable outage designation and process for unique outage events involving requests by customers or agencies requiring that facilities are de-energized, not permitting access and/or delaying restoration due to circumstances not initiated or controlled by PG&E. This process includes adjusting the outage minutes to accurately reflect these situations and to measure PG&E's performance.
ODB – Operations Database (ODB), which is the outage database for PG&E.
Planned outage – The intentional disabling of a component's capability to deliver power, done at a pre-selected time, usually for the purposes of construction, preventative maintenance or repair.

SAIDI – The System Average Interruption Duration Index (SAIDI) indicates the total duration of interruption for the average customer during a pre-defined time period. It is commonly measured in minutes or hours of interruption.
SAIFI – The System Average Interruption Frequency Index (SAIFI) indicates how often the average customer experiences a sustained interruption over a pre-defined time period.
SCADA – The Supervisory Control and Data Acquisition (SCADA) online database is for distribution operators to remotely gather information and control the distribution system.
Sustained interruption – Any interruption not classified as a part of a momentary event (any interruption that lasts more than five minutes).
Unplanned outage – The loss of electric power to one or more customers that does not result from a planned outage.
PSPS: Public Safety Power Shutoff (PSPS) is a temporary outage initiated during severe weather conditions to help prevent wildfire risk from electric infrastructure.