

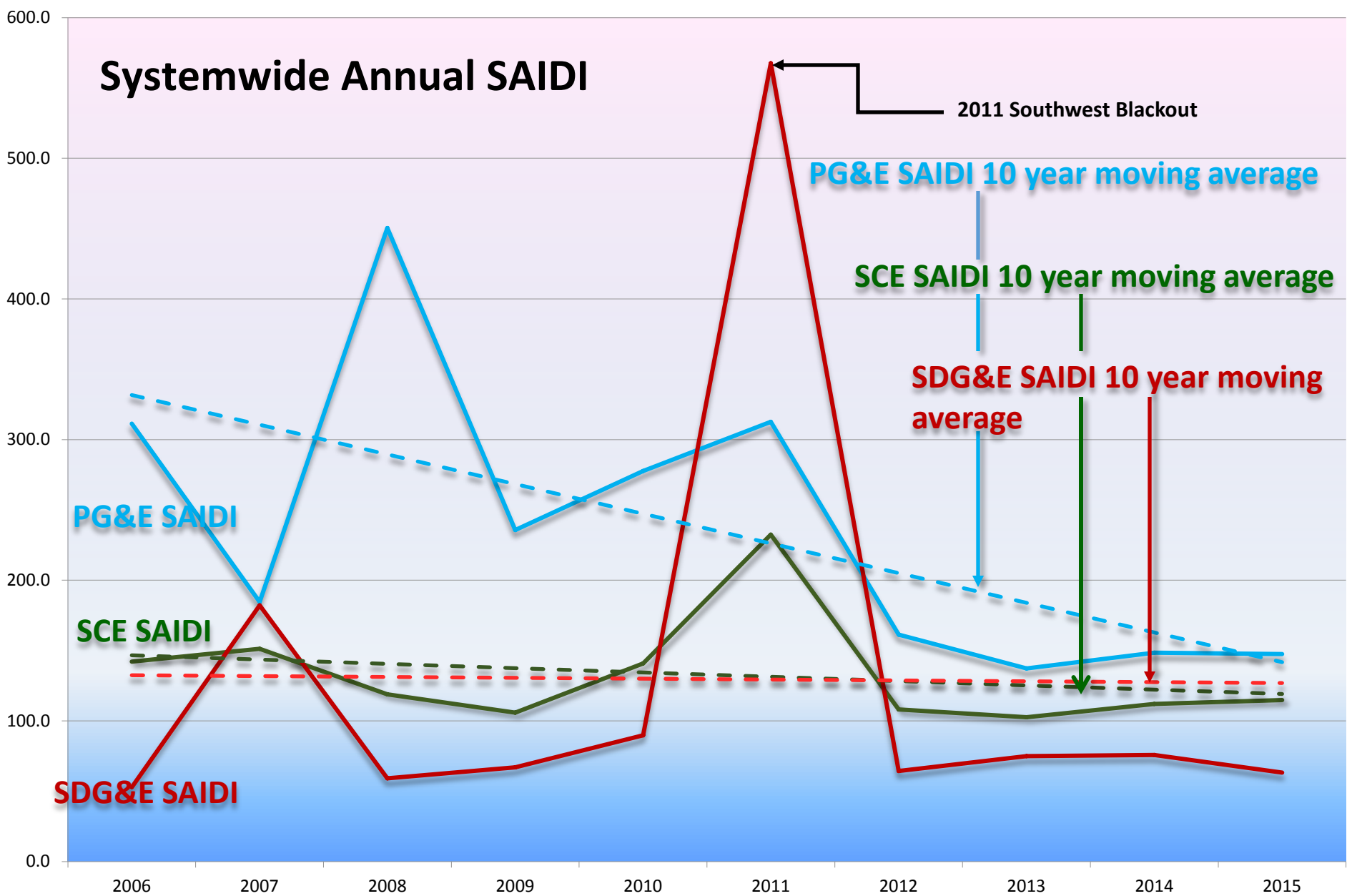


- **Annual Reporting by Electric Utility
Using National Reporting Standards
IEEE 1366-2012 , first adopted by electric industry in
mid-2000s**
- **Duration of Outages (SAIDI)**
- **Frequency of Outages (SAIFI)**
- **Average Duration of Outages (CAIDI)**
- **Number of Momentary Outages (MAIFI)**





IOU Systemwide Historic Trends





IOU District Map

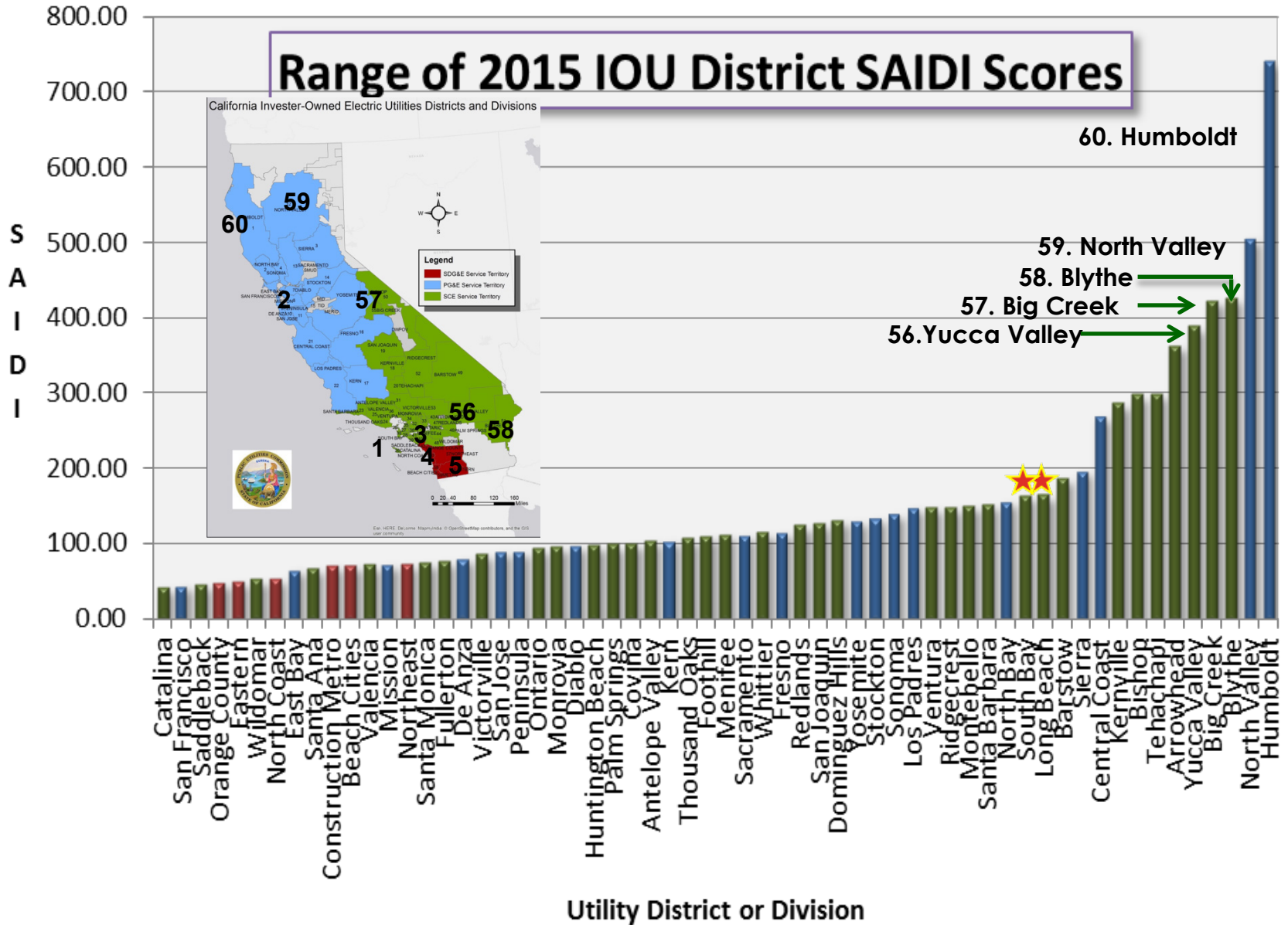
California Investor-Owned Electric Utilities Districts and Divisions



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

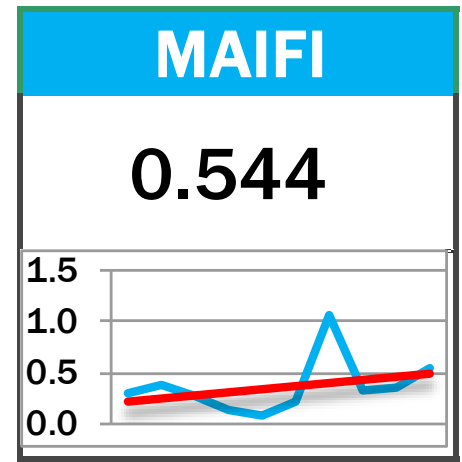
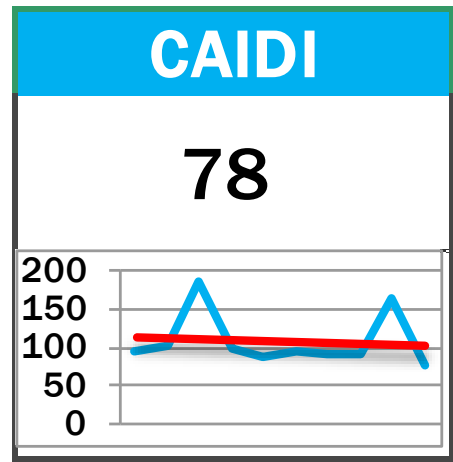
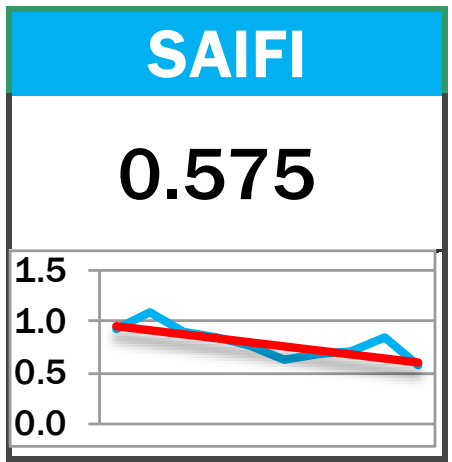
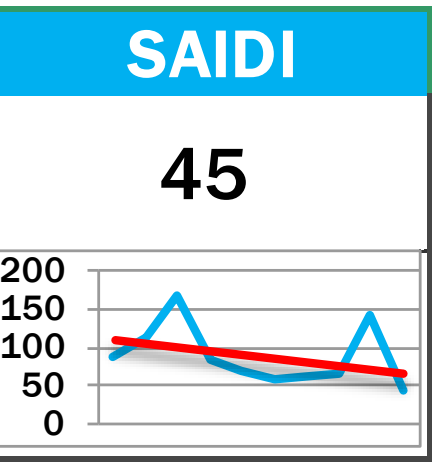
Distribution of District SAIDI Scores

Range of 2015 IOU District SAIDI Scores





PG&E Bay Area - San Francisco Division



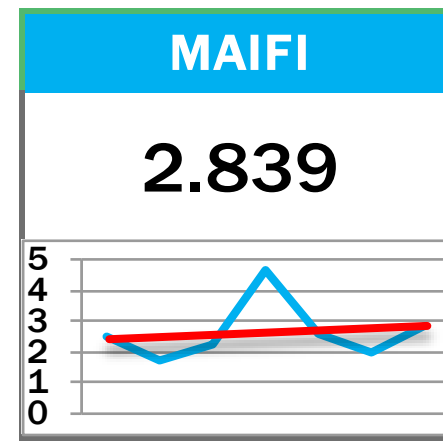
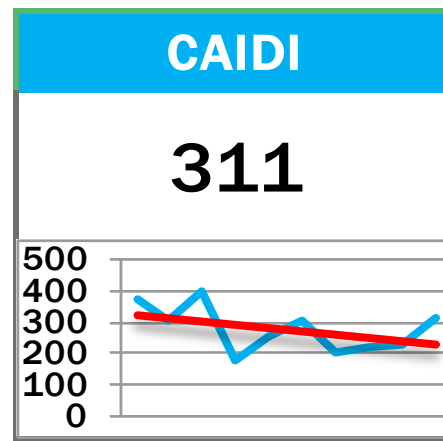
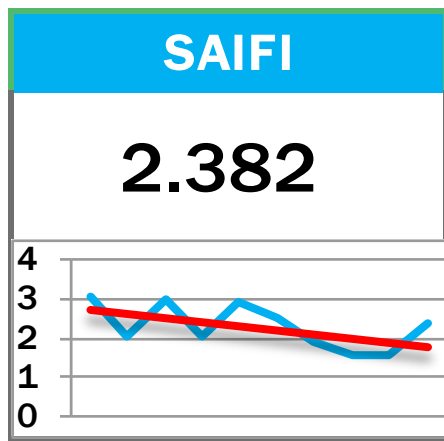
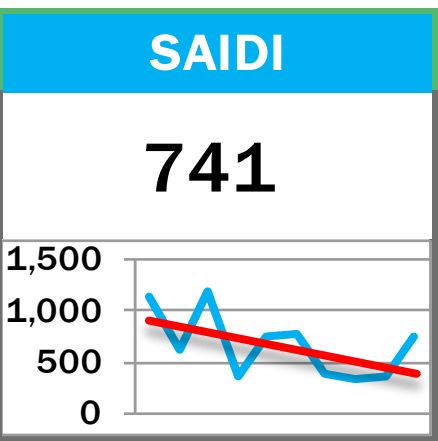
METRICS HISTORY

METRIC	2015	2014	% CHANGE
SAIDI	44.7	141.7	↓ -68%
SAIFI	0.575	0.858	↓ -33%
CAIDI	77.74	165.15	↓ -53%
MAIFI	0.544	0.353	↑ 54%



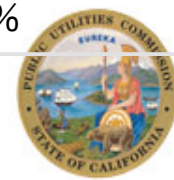


PG&E Northern Region - Humboldt Division



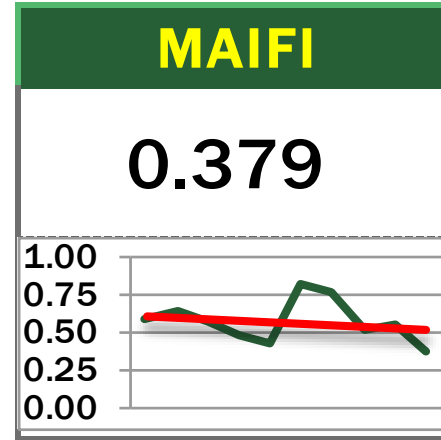
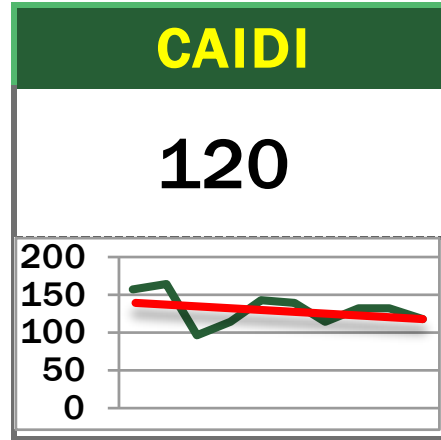
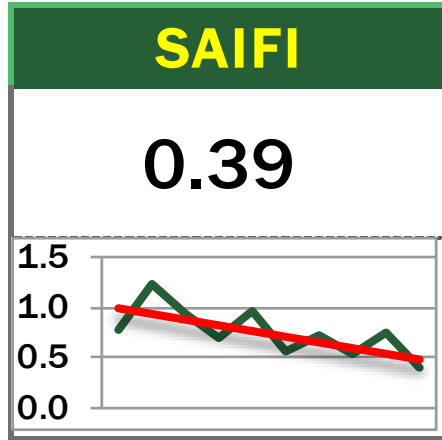
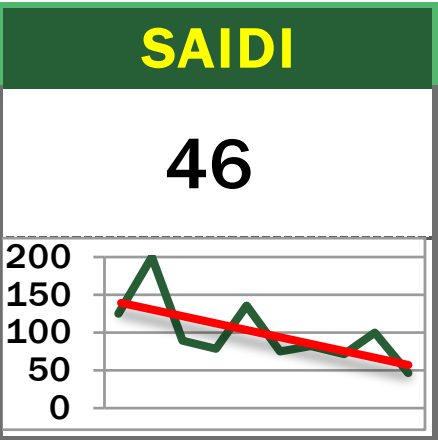
ALL METRICS

METRIC	2015	2014	% CHANGE
SAIDI	741	351	↑ 111%
SAIFI	2.382	1.528	↑ 56%
CAIDI	311.13	229.38	↑ 36%
MAIFI	2.839	1.940	↑ 46%





SCE Orange County - Saddleback District



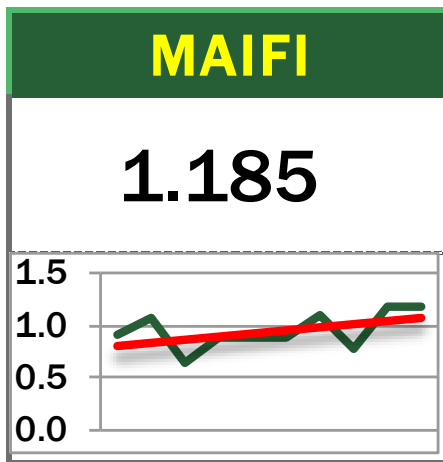
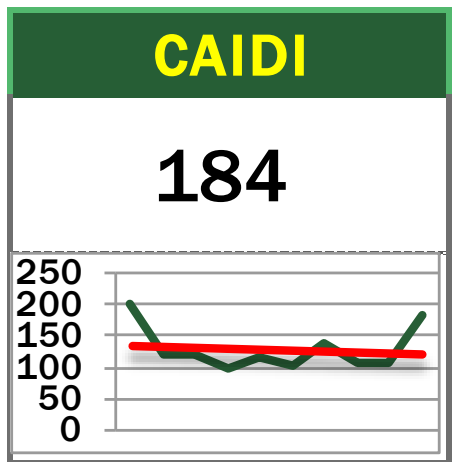
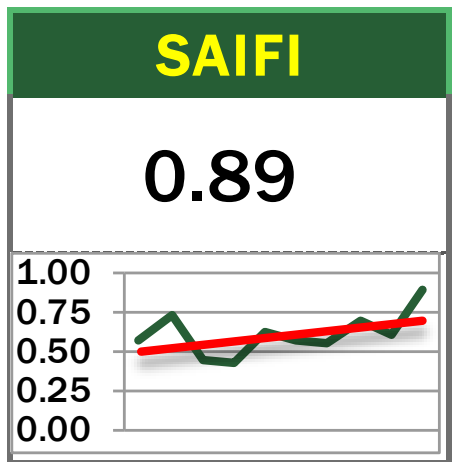
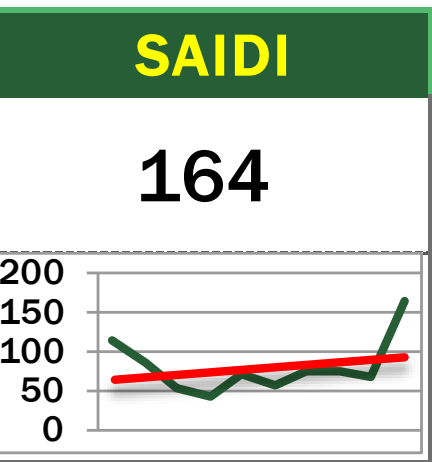
METRICS HISTORY

METRIC	2015	2014	% CHANGE
SAIDI	46.03	99.07	↓ -54%
SAIFI	0.39	0.74	↓ -47%
CAIDI	119.54	133.03	↓ -10%
MAIFI	0.379	0.556	↓ -32%





SCE Los Angeles County West - Long Beach District



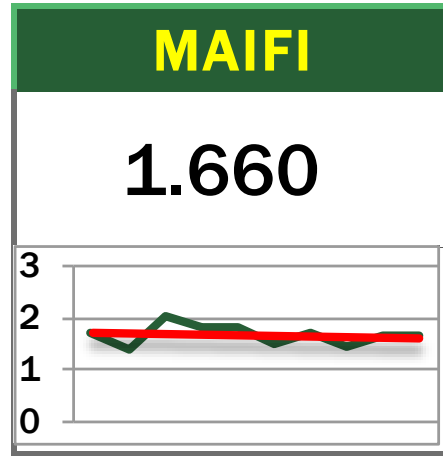
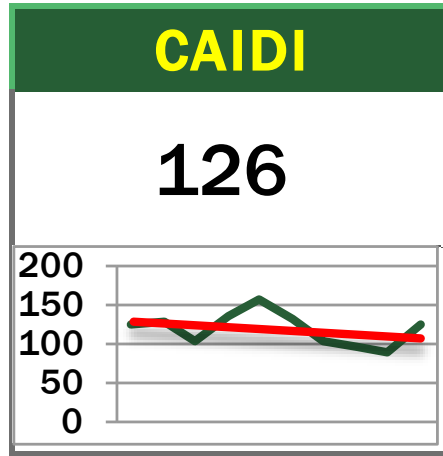
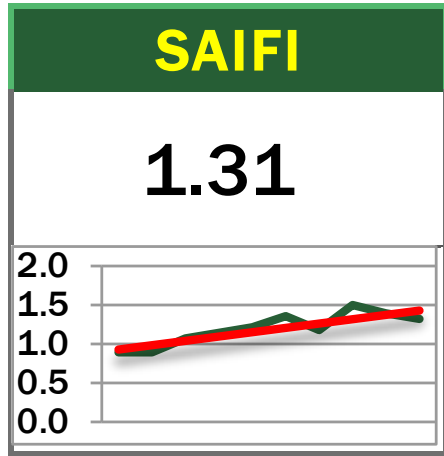
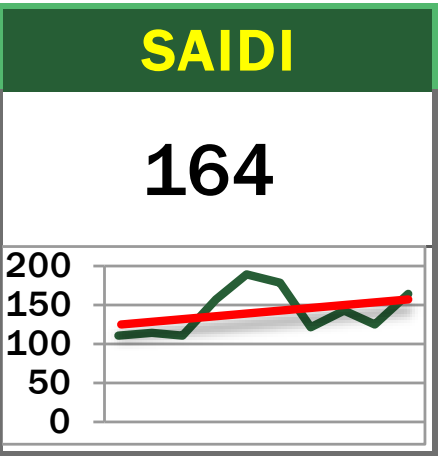
METRICS HISTORY

METRIC	2015	2014		% CHANGE
SAIDI	164.46	66.23	↑	148%
SAIFI	0.89	0.61	↑	46%
CAIDI	183.90	109.27	↑	68%
MAIFI	1.19	1.168	↑	1%





SCE Los Angeles County West - South Bay District



METRICS HISTORY

METRIC	2015	2014		% CHANGE
SAIDI	164.07	125.15	↑	31%
SAIFI	1.31	1.39	↓	-6%
CAIDI	125.70	90.01	↑	40%
MAIFI	1.66	1.650	↑	1%





In Conclusion

- Recent investments in distributed energy resources, smart grid technologies, and other innovations have already resulted in impressive returns on investments to Californians.
- Electric reliability has improved over the past 10 years.

