To measure system performance, the electric utility industry has developed several measures of reliability. These indices known as SAIDI, SAIFI, CAIDI, and ASAI, include measures of outage duration, frequency of outages, system availability, and response time. Below are reliability indices for the Easley Combined Utilities electric system. This information is maintained monthly by our GIS department.

Year	SAIDI	SAIFI	CAIDI	ASAI
2013	0.93	0.95	0.98	99.989%
2014	0.63	0.59	1.06	99.993%
2015	1.14	0.82	1.38	99.987%
2016	1.30	0.95	1.36	99.985%
2017	1.83	1.42	1.29	99.979%
2018	1.31	1.39	0.95	99.985%
2019	0.66	0.72	0.92	99.993%
2020	2.19	1.73	1.27	99.975%
2021	1.27	1.36	0.94	99.985%
2022	1.68	1.27	1.33	99.981%

SYSTEM AVERAGE INTERRUPTION DURATION INDEX: The amount of hours the electric system was out of service during the year, in hours (the lower the better).

SYSTEM AVERAGE INTERRUPTION FREQUENCY INDEX: The average amount of outrages a customer experienced in that year (the lower the better).

CUSTOMER AVERAGE INTERRUPTION DURATION INDEX: If a customer experienced an outage, the average amount of hours the customer was out of power, in hours (the lower the better).

AVERAGE SYSTEM AVAILABILITY INDEX: The percentage of time the electric system was available for service in the year (the higher the better).