

Distribution Reliability Benchmarking Tool

Join over 100 cooperatives who are using an online web app to calculate SAIDI automatically and accurately without using other complicated and expensive methods. The Reliability Benchmarking Group web app can track and analyze the outage data, benchmark cooperatives with each other nationwide, and provide real-time data through special tools in the program. Find out more and sign-up on cooperative.com.

<https://www.cooperative.com/programs-services/bts/Pages/Secure/Reliability-Benchmarking-Group.aspx>

Distribution Reliability Benchmarking Group

A Distribution Reliability and Outage Analytics Tool for Free and Easy Tracking of SAIDI Scores

How would you like valuable information that can save your cooperative money? How would your cooperative like the benefits of using FREE and easy to use Web App to track your most important reliability score?

Then it might be time to join:

The NRECA Reliability Benchmarking Group (RBG)

Web App!

The NRECA Business & Technology Strategies is using an online web app that allows cooperatives to calculate

SAIDI automatically and accurately without using other complicated and expensive methods. The Web App can track and analyze the outage data, benchmark cooperatives with each other nation wide, and provide real-time data through special tools in the program.

*There are **over 100 cooperatives** currently using the App and have submitted accurate*

SAIDI numbers in the last few years. By using the NRECA Reliability Benchmarking Group

Web Application, it is proven to be extremely valuable to cooperatives.

What is SAIDI? Why should my co-op join the RBG Web App?

Understanding SAIDI: SAIDI is the System Average Interruption Duration Index. SAIDI measures the amount of time any given utility or cooperative's member-

consumers are without power. It's measured in minutes per year.

Important Changes: In 2014, the US Energy Information Administration (EIA) started recommending that all electric distribution utilities submit their yearly SAIDI numbers.

Range: There are two groups that have been doing studies on SAIDI and where the range numbers should fall—the Institute of Electrical and Electronic Engineers (IEEE) and the NRECA RBG. These groups have found the range to be around 20-400 minutes per year.

Outliers: As solid as those ranges are, there have been some cases reported to the EIA that reach over 1,000

minutes per year which is abnormally high. When these numbers appear, they give the wrong impression that Rural Electric Cooperatives (RECs) are less reliable than other utility companies.

Calculations and Input Errors: Because of the high level of math required to calculate SAIDI correctly using the IEEE-1366 standard, cooperatives tend to use their own databases to calculate their outages which make it more prone to error.

The second issue with wrong SAIDI numbers comes from the data itself. The IEEE requires certain outage data that is either needed or excluded in order to get the right

calculation for SAIDI. When some of the required data is missing, it messes up final scores.

How We Can Help: Our online Web App takes almost all of the work out of the difficult calculations and data input. Having an accurate SAIDI score is crucial to understanding discrepancies in your co-op's reliability. They also shouldn't be misrepresented as less reliable than other utilities, and harming cooperatives reputations. Let us help your co-op create a successful "Product Quality" culture.

[SIGN UP HERE](#) and use NRECA member

password: saidisaifi\$

WEBINARS:

- [SAIDI and RBG Webinar Slides \(June 2018\)](#)
- [RBG Webinar Video Recording](#)

ADDITIONAL RESOURCES:

- [RBG Overview](#)
- [RBG Benefits Overview](#)
- [Tech Advisory: The Importance of SAIDI Number](#) (Sept. 2017)
- [Tech Advisory: Distribution Optimization: It's Not Your Grandfather's Distribution Cooperative Anymore](#) (Oct. 2017)

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