

Winning Grants with Aerinet Solutions

Data Driven Solutions For Increasing Reliability

“ Why are customers not using local outage data for grants?” Tony Thomas of NRECA's Business and Technology Services asked Aerinet Solutions. Aerinet uses a data driven solution for applying for federal, state and local grants to increase local infrastructure reliability. It's a winning approach that has won **\$700 million+** in grants for Aerinet's customers.

Aerinet's **4 step** data driven process includes:

- Identify future projects.
- Upload 5 years of local outage data with specific costs.
- Identify critical areas and targeted projects.
- Match grants and identify probability of future win for each grant/project.

During this process, customers learn about the myriad of reports which may assist our clients with future planning or grant applications.

PwrMetrix Reports available

- Utility Cost Outage Report
- Prescriptive Analytics
- Monthly Indices Reports
- Outage Summary by Feeder
- Worst Feeder by SAIDI
- Worst Performing Device
- Interruption by Cause
- Reliability Benchmarking Reports
- Yearly Cost Tracking Report
- RUS Form 7
- FEMA Report
- Financial Analytics Reports
- Client Customize Report
- GIS Substation & Feeder Outage Analysis
- GIS Fire Analytics
- GIS Flooding Analytics
- GIS Weather Cyclone Analytics
- GIS Weather Drought Analytics
- GIS Justice40 Analytics
- AI Predictive Analysis
- AI Predictive Weather Forecasting

The Data Delivers Actionable Insights

Jim Cross, Yampa Valley Electric's Association CEO, started using the report data to **"geographically target where we'd be better off spending our dollars."** Jim Cross notes that "in cold weather we experience a high failure rate with porcelain, with cut-outs in particular. Our typical way of addressing these failures in the past was to change out equipment here and there as it failed. Now I'm starting to take our outage data to determine where would we be better off replacing cut-outs as preventative maintenance."

Aerinet Solutions uses **artificial intelligence (AI) and GIS to overlay local maps and forecast future events before they happen.** Energy customers have reduced their operational costs by being proactive and **increasing reliability.**

Aerinet Solutions can forecast the probability of winning specific grants before applying. Clients retain full control over the application and grant management process. Contact us to learn how we can help your team with a data driven solution or winning a grant.

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“ I don't have IT guys tied up four hours a month uploading data – it's done. I don't have to wait to the end of the month for the data I need. I have it ready to use the next day.

**Jim Cross
Yampa Valley
Electric
Association**

