

# PRODUCT LINEUP BOOK

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*Powering Reliability, Intelligence, and  
Growth for Rural Electric Cooperatives*

PwrMetrix 2.0

EDDAS

RaaS

NORA

PwrXchange

Grant Consulting

# America's Electric Cooperative Landscape

*Who we serve — and why it matters*

**900+**

Electric Cooperatives  
across the U.S.

**600+**

Distribution  
Cooperatives

**42M+**

Americans served in  
rural communities

## Beyond Energy Delivery

Distribution cooperatives in rural America provide far more than electricity. Many operate telecommunications services including ISP broadband, vegetation management, and other community services — driven by the unique demands of low-density service territories covering vast geographic areas.

## Key Challenges:

- High operational costs per customer due to low density
- Massive land territory to monitor and maintain
- Distance customers requiring costly infrastructure
- Extreme weather driving energy cost spikes
- Aging grid infrastructure with limited investment capital
- Reporting obligations to USDA/RUS and federal agencies

# Aerinet Solutions — Product Family

*Six integrated solutions for the modern electric cooperative*

## **PwrMetrix 2.0**

Outage management & reliability analytics platform

## **EDDAS**

Energy Derivative Data as a Service — regional intelligence reports

## **RaaS**

Reports as a Service — automated push reporting subscriptions

## **NORA**

AI-powered natural language decision support assistant

## **PwrXchange**

Grid cost transparency for G&T and distribution cooperatives

## **Grant Consulting**

\$1B+ in grants won — federal, state, and private funding

# PwrMetrix 2.0

Outage Management & Reliability Analytics | 3 Patents

## Key Capabilities

### Outage Management

Full OMS functionality at a fraction of enterprise system costs — built for cooperatives with 5,000–50,000 meters.

### Best & Worst Feeder Analysis

Identify your highest-risk feeders and substations so leadership can prioritize capital investment intelligently.

### Predictive Outage Mapping

Leverage historical outage patterns to predict future risk areas before events occur.

### CFO/CEO Cost Dashboard

Customizable local cost inputs transform outage data into financial impact — making the business case crystal clear.

### SAIDI / SAIFI / CAIDI Reporting

Automate reliability metric reporting for USDA/RUS, state regulators, and board presentations.

## Why PwrMetrix?

- Backed by 3 unique patents
- Configurable with local cost inputs
- Trusted by cooperatives across the U.S.
- Affordable OMS alternative designed for smaller cooperatives



# EDDAS — Energy Derivative Data as a Service

## Regional intelligence that puts your cooperative in context

*EDDAS mixes local cooperative data with EIA national datasets to produce benchmark reports showing exactly where your cooperative stands on SAIDI, SAIFI, and key reliability metrics compared to regional and national peers.*



### Core Dataset

State-level outage cause, frequency, and cost data — the foundation for any analysis.



### Insight Reports

Monthly and quarterly risk trend analysis by sector — delivered on subscription.



### Custom Intelligence

Tailored dashboards and financial impact modeling specific to your system.

 *SAIFI is just as important as SAIDI — frequency of outages impacts community trust and economic activity as much as duration. EDDAS helps cooperatives communicate both metrics effectively to boards and regulators.*

# RaaS — Reports as a Service

Automated reporting delivered directly to your team

## How RaaS Works

01

### Subscribe

Choose report frequency — monthly, quarterly, or custom cadence.

02

### Auto-Delivery

Reports are automatically compiled and pushed to your team inbox.

03

### Board-Ready

Pre-formatted for board presentations and regulatory submissions.

04

### Always Current

Incorporates the latest EIA data alongside your cooperative's live metrics.

## Who Benefits

### CEO / General Manager

Stay informed without data overload — get exactly what you need to lead.

### CFO / Finance Team

Reliable cost and reliability data in consistent format for budget planning.

### Board of Directors

Pre-built board meeting reports with benchmark comparisons built in.

### Engineering Staff

Technical reliability metrics to support capital investment planning.

# NORA — Network Operations & Reliability Assistant

AI-POWERED | Generative AI that speaks your language

*" What were our top 5 worst feeders last quarter and what did each outage cost us? "*

NORA connects directly to PwrMetrix data — anyone in your organization can ask plain-English questions and receive instant, actionable answers.

## Natural Language Queries

No SQL, no training required. Ask questions the way you speak.

## Real-Time Results

On-demand answers from live PwrMetrix reliability data.

## Planning Support

Generate capital plan insights, risk prioritization, and scenario analysis.

## Cost Management

Instantly model cost-of-outage impacts for any feeder, substation, or event.

# PwrXchange — A Better Way To Manage The Grid

Turning reactive energy markets into proactive cost management

## The Problem:

G&T cooperatives and municipal utilities execute billions in annual transactions across Day-Ahead and Real-Time markets, yet local coordination across member systems remains entirely reactive — with no transparency on what tomorrow's price will be.

## What PwrXchange Does

### Price Transparency

Real-time and Day-Ahead market price visibility across your entire service territory.

### Cost Pass-Through Modeling

Model how G&T wholesale costs flow down to distribution cooperatives and ultimately to member-consumers.

### Regional Coordination

Enable proactive collaboration between G&T and distribution cooperatives to optimize energy purchasing.

### Consumer Impact Analysis

Understand the per-member cost of energy decisions before they hit the bill — not after.

# Grant & Consulting Services



Connecting cooperatives to the capital they deserve

## \$1B+

In grants won for electric cooperatives

### Grant Sources We Navigate

- DOE GRIP — Grid Resilience & Innovation Partnerships
- USDA / RUS — Rural Utilities Service programs
- State Energy Office programs and incentives
- Private foundation and utility grant programs
- DOE IIJA Infrastructure Investment programs

### Our Consulting Process

1

#### Data & Needs Assessment

Identify your 3–5 year capital and operational plan using your cooperative's data.

2

#### Grant Identification

Match your plan to federal, state, and private grant programs with the best fit.

3

#### Application & Compliance

Work with State Energy Offices to meet requirements and impact metrics.

4

#### Award Management

Ensure all deliverables, reporting, and compliance timelines are met post-award.

# Why Aerinet Solutions

*Built exclusively for electric cooperatives — by people who know the industry*

## Deep Domain Expertise

Decades of experience in electric cooperative operations, reliability metrics, USDA/RUS financing, and regulatory compliance.

## Patent-Backed Technology

PwrMetrix is protected by 3 unique patents — purpose-built for cooperative-scale operations, not adapted from utility enterprise software.

## Proven Grant Success

Over \$1 billion in awarded grants for both G&T and distribution cooperatives — with an approximately 50% close rate across submissions.

## AI-Ready Platform

NORA brings generative AI to cooperative management — making complex data accessible to every role in the organization.

## Integrated Ecosystem

All products share a common data foundation — PwrMetrix data flows into NORA, EDDAS, and RaaS for seamless intelligence.

## Community-Centered Mission

We understand that cooperatives exist to serve their members. Everything we build helps cooperatives deliver more value to the communities they power.

# Product Comparison at a Glance

*Find the right Aerinet solution for your cooperative*

Product	Best For	Delivery	Integrates With
<b>PwrMetrix 2.0</b>	Cooperatives needing OMS & analytics	Licensed Platform	NORA, EDDAS, RaaS
<b>EDDAS</b>	Boards & execs needing benchmarks	Subscription Reports	EIA data, PwrMetrix
<b>RaaS</b>	Teams needing auto reporting	Push / Subscription	PwrMetrix, EDDAS
<b>NORA</b>	Any staff — AI assistant layer	Add-on to PwrMetrix	PwrMetrix data
<b>PwrXchange</b>	G&T & distribution cost mgmt	Platform / Analytics	Market price feeds
<b>Grant Consulting</b>	Cooperatives seeking capital funding	Professional Services	State Energy Offices

# Let's Talk

*Ready to bring data-driven reliability intelligence to your cooperative?*

**Email:** [infoweb@aerinet.com](mailto:infoweb@aerinet.com)

**Website:** [aerinet.com](http://aerinet.com)

**Schedule:** Request a demo or consultation

## Our Commitment

- Every engagement starts with your data
- We build solutions for cooperative scale — not adapted from utility enterprise
- Our success is measured by your reliability outcomes
- We work alongside your team, not above it

## Our Products

PwrMetrix 2.0

EDDAS

RaaS

NORA

PwrXchange

Grant Consulting