



Aerinet Solutions Leads Grant Success for Tri-County Electric Cooperative

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Daytona, FL – Aerinet Solutions and Tri-County Electric recently completed negotiations for a transformative federal grant for Tri-County Electric Cooperative under the Bipartisan Infrastructure Law (BIL). As the lead grant manager, Aerinet Solutions spearheaded the concept paper, full application, and comprehensive grant management process, ensuring a seamless path from inception to execution.

This groundbreaking initiative, known as the Tri-County Power Meter Squared & Green Tree Project, will modernize outdated meters by implementing advanced radio frequency (RF) technology. These new meters will deliver real-time, accurate energy consumption data, improving efficiency and service reliability. The project will upgrade vegetation management software with artificial intelligence (AI) to proactively identify and mitigate risks associated with vegetation-related power outages. The integration of advanced AI-driven data analytics will enhance monitoring, control, and adaptive modeling, ultimately reducing outages, accelerating restoration efforts, and lowering operational costs.

"This South Carolina cooperative provides more than just energy; they are a local anchor that offers training and advancement opportunities for future linemen," said Tracey Klepic, Vice President of Marketing and Professional Services at Aerinet Solutions. "The AI and data-driven approach will not only reduce outages but significantly increase local reliability."

The vision behind this project is rooted in innovation and community resilience. "We developed a full AI and data-driven strategy to drive groundbreaking innovation—one that not only saves money but has the potential to save lives," said Alvin Razon, Aerinet's CEO. The integration of AI-enhanced monitoring and predictive analytics will enable proactive maintenance, reducing the need for costly truck rolls and improving grid resilience.

Tri-County Electric Cooperative's Chief Operating Officer, Frank Furtick, played a critical role in this initiative, ensuring strategic use of data to enhance system performance. "Our focus is on using technology to increase reliability and resiliency while reducing operational inefficiencies," Furtick emphasized.

This project aligns with the Department of Energy's Grid Resilience and Innovation Partnerships (GRIP) Program, funded through the Grid Deployment Office and the Office of Clean Energy Demonstrations.

Aerinet Solutions remains committed to driving innovation and empowering utilities with cutting-edge technology solutions. By managing the entire grant process from beginning to end, Aerinet ensures that projects like this successfully secure funding, execute strategic implementation, and deliver tangible benefits to the communities they serve.

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