

Business & Technology Update



Friday, January 24, 2020 | [coop.com](#) | [BTS Website](#) | [Archive](#) | [Web Version](#) |

NRECA Management Services and Consulting Offerings Now Available

Recognizing that technology and the people behind it go hand-in-hand, NRECA's Business and Technology Strategies group is pleased to announce the addition of a suite of NRECA Management Services and Consulting Offerings into its portfolio. Learn how this team of experts can help your co-op.

- **Advisory**
- Contact: Ginny Beauchemin

Opportunity to Participate in Distributed Wind Project: Deadline January 31

The U.S. Department of Energy announced a \$3 million research grant to support an initiative spearheaded by NRECA to study electric cooperative deployment of distributed wind resources. NRECA is seeking co-op partners to advise and provide guidance in the identification of gaps and creation of solutions that enable increased deployment of distributed wind generation across the country. **Deadline for co-ops to express interest is January 31.**

- **Advisory**
- Contact: Michael Leitman

How United Power Is Taking Steps Toward A Self-Healing Grid

The concept of a self-healing grid is based on the combination of sensing technology, communications, and automation working together to improve the reliability of the electric delivery system. This new case study highlights how United Power in Colorado is taking measures toward self-healing systems and the benefits they are experiencing.

- **Case Study**
- Contacts: Patti Metro and Tom Lovas

What Advancing Energy Access for All Means

NRECA's new initiative "Advancing Energy Access for All" is putting a spotlight on cooperatives' involvement in facilitating healthy communities and the innovative approaches they are taking. Learn more in these resources and join our member professional community for related discussions.

- **Infographic**
- **Podcast with Cherryland EC**
- **Join the Community**
- Contact: Adaora Ifebigh

Co-op Innovative Approaches with

Upcoming Events

- **2020 TechAdvantage® Experience**
March 1-4, 2020, New Orleans, LA
- **Electrification 2020 International Conference & Exposition**
April 6-9, 2020, Charlotte, NC
- **2020 Safety Leadership Summit**
April 15-17, Orlando, FL
- **EnergySec Education Week**
April 27-May 1, Knoxville, TN



Augmented and Virtual Reality Technology

As our industry continues to evolve and the grid incorporates increasingly complex systems, it is essential that co-ops have adequate tools for training and operations. The following are two new case studies demonstrating how Tri-State and Jo-Carroll Energy are using these evolving technologies to achieve benefits. Come hear these co-ops share their experiences at TechAdvantage!

- **Advisory: Jo-Carroll Case Study**
- **Advisory: Tri-State Case Study**
- **AR/VR Website**
- Contact: [Adaora Ifebigh](#)

Optimizing Plant Maintenance with Risk Based Management

Numerous methods for addressing risk in the power industry have been developed. This two-part article series critically reviews and assesses the current status of the risk-based management approach for the optimization of maintenance in thermal power plants (both conventional and combined cycle). This series is based on the CEATI Thermal Generation Interest Group's *Maintenance Optimization Using Risk-Based Tools* report.

- **Article 1:** Methods for Optimizing Maintenance and Analyzing Equipment Performance
- **Article 2:** Guide to Risk Management and Risk-Based Software for Plant Inspections
- Contact: [Dan Walsh](#)

Cooperative Engagement with the Military

The Department of Defense is one of the largest energy consumers worldwide and the single largest energy consumer in the United States. See how co-ops work closely with U.S. military installations, providing electricity and partnering on projects:

- **Website**
- Contact: [Lauren Khair](#)

2019 Summary of Business and Technology Articles and Advisories

Throughout 2019, NRECA's Business and Technology Strategies department issued over 75 *Surveillance* articles and Advisories to assist cooperatives in addressing various opportunities and challenges facing our industry. Here is a summary, including links to each document.

- **Summary**
- Contacts:
 - Analytics: [David Pinney](#)
 - Cybersecurity: [Cynthia Hsu](#)
 - Distributed Energy Resources: [Brian Sloboda](#) and [Jan Ahlen](#)
 - Generation, Environment and Carbon Dioxide: [Dan Walsh](#)
 - Resource Adequacy and Markets: [Michael Leitman](#)
 - Transmission and Distribution: [Patti Metro](#) and [Robert Harris](#)

NRECA Sponsors Electrification Conference

NRECA is proud to be an official Supporting Organization of the [Electrification 2020 International Conference & Exposition](#), being hosted by the Electric Power Research Institute (EPRI) on April 6-9 in Charlotte, North Carolina. Seven [agenda tracks](#) will address the issues that matter



to organizations across industry sectors. Register today, before the prices increase on February 1.

- **Conference Registration**
- **More Information**
- Contacts: Keith Dennis and Maria Kanevsky

Check Out What's New at the 2020 TechAdvantage® Experience

At the 2020 TechAdvantage® Experience in New Orleans, we will be offering new benefits to help you network more effectively with your peers and industry vendors and simplify access to the content of our valuable program. To learn more about these new benefits check out TechAdvantage.org, and don't forget to register!

- **Registration**
- Contact: [Mary Ackleson](#)

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