

Business & Technology Update



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Defining Microgrids with IEEE 2030.7

As microgrids are becoming more common, it is important for co-ops to fully understand what constitutes a microgrid and how to specify them. This article uses the structure suggested in the IEEE 2030.7 standard as a basis for developing the functional specification for a microgrid.

- [Article](#)
- Contacts: Robert Harris and Fathalla Eldali

Join the New Community for Energy Access for All

As part of NRECA's initiative *Advancing Energy Access for All*, we have established a professional private community for cooperatives to discuss ways to support the communities they serve. Join now to discuss topics, share ideas, and to connect with one another.

- [Join the Community](#)
- [Advancing Energy Access for All Website](#)
- Contacts: Keith Dennis and Adaora Ifeigh

Demo Available for Online Version of RC3 Cybersecurity Assessment

NRECA worked with Axio Global, Inc. to develop an online version of the RC3 Cybersecurity Self-Assessment, providing enhanced features not feasible in the hardcopy version. Co-ops can now apply as a group to receive a free, multi-year group license to access this new online version. A sample assessment is now available for co-ops to explore.

- [Advisory with More Details and Link to Application](#)
- [Frequently Asked Questions](#)
- [Link to Demo Site](#)
- Contact: Cynthia Hsu

Share Your Analytics Success Stories – Responses Due Today

NRECA is looking to highlight co-op best practices of analytical applications through a new case studies series. If your co-op is deploying more advanced analytical applications and software for use in transformer health monitoring, meter data anomaly detection, real time performance dashboards, etc., we want to hear from you! Please contact Adaora Ifeigh by November 21.

- Contact: [Adaora Ifeigh](#)

Improving Phase Balance Through Inverter Reactive Power Control

Phase imbalance caused by the growth of distributed generation can increase technical losses and reduce the efficiency of three-phase motors. NRECA worked with Argonne National Laboratory to develop a new phase balancing control tool for distributed generation, called "phaseBalance," now available on NRECA's Open Modeling Framework (OMF) website, omf.coop.

- [Advisory](#)
- Contact: [David Pinney](#)

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



Distribution Optimal Resilience Design Tool "LPNORM"

NRECA worked with Los Alamos National Laboratory (LANL) and Pacific Northwest National Laboratory (PNNL) to develop an Optimal Resiliency Model software tool called "LPNORM." This new tool, available on NRECA's Open Modeling Framework (www.omf.coop) allows users to import distribution circuit and pole models, model damage from extreme weather events, input resilience criteria, and generate optimal design solutions to improve the resilience of the system.

- **LPNORM Project Report**
- Contact: [David Pinney](#)

2020 Safety Leadership Summit: Registration Open

Join us in Orlando, April 15-17 for the 2020 Safety Leadership Summit - NRECA's premier industry, educational, and networking event for electric co-op staffers responsible for safety. Come learn the latest strategies and tools to support a culture of safety across your co-op.

- **Registration**
- Contact: [Perron Nicholas](#)

Hear Frank Abagnale at the 2020 TechAdvantage® Experience

During the opening general session of the 2020 TechAdvantage® Experience, one of today's most respected authorities on forgery, embezzlement, and secure documents, Frank Abagnale, will show you how to protect yourself from white collar criminals. Register today to join us in New Orleans, March 1-4.

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

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