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NRECA
America's Electric Cooperatives

Business & Technology Update

New Resources and Engagement Opportunities



Cybersecurity Month Highlights Need for Continued Diligence

October is Cybersecurity Month, a timely reminder of the importance of keeping focus on protecting cooperative operations and systems from cyber risks. NRECA offers many resources and opportunities to help members strengthen their cybersecurity posture.

- Listen to the latest podcast with NRECA Senior Director of Cybersecurity Carter Manucy on the cybersecurity challenges posed by an evolving grid.
- Use our Cybersecurity Incident Response Plan Templates to help create your co-op's plan.
- Evaluate your progress in NRECA's Co-op Cyber Goals Program. If you are not yet participating, it's easy to get started.
- Explore our cybersecurity website for more tools and information.

Last Call: AI Use Case Survey for Co-ops – Deadline November 15

Participate in a short survey to share your co-op's use of AI. NRECA is gathering this information to gain insights on our members' interest and use of AI, to share the knowledge with the co-op community, and to guide the development of new tools and resources for our members. Find the survey link below and **participate by November 15**. Also visit our AI topic website for more resources.

Survey Link

Missoula Electric Fleet Electrification

Fleet electrification offers cooperatives a chance to build a strong relationship with a valued community partner while growing electric load. But fleet electrification may introduce new transportation-related electric loads that

can affect distribution system planning, charging behavior, and local system conditions. Read about how Missoula Electric Cooperative partnered with NRECA to conduct feeder-level modeling of Mountain Line's electrification plan to gain insights about the grid impacts from EV integration. Find more resources about EV Integration on cooperative.com.

Report

Electric Industry Outlook Report

In this annual update, NRECA provides a high-level summary of trends in the U.S. electric industry using recent projections produced by the U.S. Department of Energy's (DOE) Energy Information Administration (EIA). The report also includes subsections focused specifically on electric cooperatives, as well as two topics with industry-wide impact: geopolitical developments and regional energy market challenges. Find the link to the report below and view the related video here.

Report

An Update on Battery Energy Storage Systems in Rural Electric Utilities

Intermittent resources, such as wind and solar generation, are not dispatchable and can lead to grid challenges when their generation does not align with demand. Adding batteries and other storage technologies can help address these challenges by allowing a degree of dispatchability and providing a firm capacity asset for the grid when there is an unexpected drop in generation or a sudden increase in demand. This advisory reviews the current state of battery energy storage systems in rural electric utilities.

Advisory

Energy Storage Valuation in Wholesale Energy Markets

A new report by NRECA Research in collaboration with ACES Power looks at market evaluation of energy storage across the CAISO, ERCOT, MISO, PJM, and SPP wholesale energy markets. The report analyses operational and market considerations that influence energy storage usage in these markets. Read about how differences in market structure, RA requirements, and energy market opportunities influence the economics and potential applications of battery storage, affecting the value streams for energy storage. This effort is part of NRECA's Outreach for Advanced Storage Integration and Support (OASIS) project, funded by a Cooperative Agreement with the U.S. Department of Energy.

Report

Dynamic Modeling and Grid Impact Analysis of Data Center Loads

NRECA recently collaborated with the University of North Carolina at Charlotte on a study of the impact of data centers on the power grid, and the resulting report is now available. The report, *Dynamic Modeling and Grid Impact Analysis of Data Center Loads*, introduces a dynamic modeling framework for integrated data center

power systems that goes beyond traditional static load modeling approaches. Read more about the report in our new Advisory, including how the report results show that data center loads can materially influence system dynamics, including oscillatory modes, damping characteristics, and harmonic content.

Advisory Full Report

Key Considerations for Serving Large Loads and Data Centers

Three new topics have been added to NRECA's Large Loads and Data Centers Learning Hub, a central location for resources to guide co-ops on the challenges and opportunities around serving large loads. Visit our site to find information on key topics, including the newly added **transmission system impacts, load flexibility, and economic development**. The information in the Hub is intended as a knowledge toolkit to provide a sound decision framework on serving large loads.

Learning Hub Website

Webinar: Data Center Tax and Capital Credit Considerations – Oct. 29

Better understand and gain insights to navigate the various, and potentially complex, tax and capital credit considerations electric cooperatives should evaluate as part of serving a data center. Learn more from NRECA's Ty Thompson and CPA Bill Miller in an upcoming Electric Cooperative Bar Association webinar on October 29 at noon ET. Read more on this topic in our related editorial from NRECA's Legal Reporting Service on Data Center Tax and Capital Credit Considerations. The webinar is open to directors, employees, and attorneys of NRECA voting members.

Information & Registration

Webinar: Co-op Economic Outlook – Nov. 4

Join professionals from NRECA and Homestead Advisers as they highlight issues anticipated to be particularly impactful in shaping the economic health of electric co-op communities. Hear a concise report on key economic indicators and participate in a discussion on the latest trends and implications for rural areas and the broader U.S. economy.

Information & Registration

Registration Opening Soon for 2027 TechAdvantage

Registration for 2027 TechAdvantage, the premier industry technology event for electric cooperative professionals, is opening for registration in mid-November. Join us, **February 14-17, 2027** in San Diego, California, to explore the innovations, technologies and trends powering our future, and visit the more than 400 vendors at the Expo at PowerXchange and TechAdvantage.

Learn More

Discover the value of NRECA membership. Learn More.

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