
Business and Technology Strategies 2023 Outreach and Reporting Summary

NRECA's Business and Technology Strategies offers a wide array of outreach and reporting to provide up-to-date reviews on energy issues affecting cooperative members. Below is a summary listing of those produced in 2023. You can find the full details on the highlights below through the links provided.

These efforts are only part of NRECA's value from the Business and Technology Strategies team for the benefit of our members. Be sure to [visit us on cooperative.com](https://www.nreca.coop) to see additional resources and engagement opportunities, and sign-up for our monthly newsletter, [Business and Technology Update](#).

Analytics

Contact for Questions:

David Pinney, Principal - Analytical Tools & Software Products – David.Pinney@nrea.coop

- Article: [Tech Trends: Co-ops and Artificial Intelligence](#) – Featured in RE Magazine
- Article: [A Measured Approach to Distribution Automation for an Evolving Future](#)
- Article: [The Impact of Drone Technology on Rural Electric Cooperatives](#)
- Article: [An Evolution into ADMS for a Changing Landscape](#)
- Advisory: [Community-Integrated Distributed Energy Resilience \(CIDER\) Project Participation Opportunity: Distributed Energy Management Systems \(DERMS\) Deployment](#)
 - Related Article: [DOE Awards \\$2.9M to NRECA Effort to Link Distributed Generation Sources](#) – with NRECA Communications
- Advisory: [Microgrid Planning Participation Opportunity for NRECA Members MGRAVENS](#)

Broadband

Contact for Questions:

Venkat Banunarayanan, VP – Integrated Grid – Venkat.Banunarayanan@nreca.coop

- FCC National Broadband Map review – coordinated with NRECA Government Relations
 - [Information](#)
 - [Article](#)
- Article: [Co-op Forum: Broadband Rollouts and the Supply Crunch](#) – with NRECA Communications
- Podcast: [What It Takes for Electric Co-ops to Enter the Broadband Space](#) – *Along Those Lines* with NRECA Communications
- [NRECA Broadband Annual Report](#)

Consulting Services

Contact for Questions:

Ginny Beauchemin, Senior Managing Director – Consulting Service – Ginny.Beauchemin@nreca.coop

- [Workforce Challenges: Co-ops Face Unfamiliar Recruiting, Retention Pressures](#)
 - 2023 National Compensation System
 - 2023 Distribution NCS
 - 2023 G&T NCS
 - [2023 National Benefits Survey](#)
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Cybersecurity

Contact for Questions:

Carter Manucy, Director – Cybersecurity – Carter.Manucy@nreca.coop

- [NRECA Co-op Cyber Goals Program Content](#) – One pagers on each of 10 Goals to complete
 - Article: [NRECA Launches 10-Goal Cybersecurity Program for Co-ops to Support Grid Defense](#) – with NRECA Communications
 - Article: [20 Electric Co-ops Honored for Accomplishing 10 Cybersecurity Goals](#)
 - Article: [What to Expect at NRECA’s 2023 Co-op Cyber Tech Conference](#) – with NRECA Communications
 - Advisory: [NRECA Cybersecurity Resources for Cooperatives Updated Summary](#)
 - Cybersecurity Lexicon – with NRECA Communications Department
 - [Lexicon](#)
 - [On Demand Webinar](#)
 - [Article](#)
 - Podcast: [Lessons Learned from a Cyberattack](#) – Along Those Lines with NRECA Communications
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Distributed Energy Resources

Contacts for Questions:

Tolu Omotoso, Director - Energy Solutions – Tolu.Omotoso@nreca.coop

Michael Leitman, Director - for RADWIND content – Michael.Leitman@nreca.coop

- Report: [Energy Transition Behind the Meter: DERs, DERMS & VPPs](#)
- Report: RADWIND - [Distributed Wind Project Development Practices In Rural Electric Cooperative Service Areas](#)
 - [Related Technical Resource Videos](#)
- Report: [RADWIND Survey - Examining Co-op Views on Wind Technologies as a Distributed Generation Resource](#)
- Report: [Electric Vehicle Rate and Program Design](#)

- Advisory: [Achieving Cooperative Community Equitable Solar Sources \(ACCESS\) Research on Using Low Income Home Energy Assistance Program \(LIHEAP\) Funds to Achieve Solar Affordability for Co-op Communities in Need](#)
- Advisory: RADWIND: [Important Certifications when Considering Small and Medium Wind Turbines](#)
- Advisory: [Battery Energy Storage Utility Residential and Long Duration Use Case Studies](#)
- Advisory: RADWIND: [Case Study – Adams Electric Cooperative](#)
- Advisory: RADWIND: [Distributed Wind Finance Case Study: Working with Distributed Wind Developers](#)
- Advisory: [NRECA Electric Vehicle Resources for Cooperatives](#)
- Fact Sheet: [NRECA Cultivating Partnerships to Help Cooperatives Prepare for Transportation Electrification](#)
- Infographic: [Heat Pumps](#) – with NRECA Communications
- Infographic: [How Grow Houses Work](#) – with NRECA Communications
 - Article: [As Legalization Expands, Cannabis Grow Houses Come to Co-op Territory](#)
 - Article: [Imitating Mother Nature: Grow Houses Thrive on Co-op Power](#)
- Podcast: [Powering Electric School Buses in Rural America](#) – *Along Those Lines* with NRECA Communications

Federal Funding Opportunities

Contact for Questions:

Lauren Khair, Director – Business Transition – Lauren.Khair@nreca.coop

- [Podcast: Co-ops Navigate Historic Influx of Infrastructure Funds](#) – Along Those Lines with NRECA Communications
- [Infrastructure Funding Guidebook](#) – with NRECA Government Relations Department
- [IRA Funding Opportunities](#) – with NRECA Government Relations Department
- Article: [NRECA, Electric Co-op Consortium Selected for Wildfire Mitigation Infrastructure Funding](#) – with NRECA Communications

Generation

Contact for Questions:

Dan Walsh, Senior Director – Power Supply & Generation – Daniel.Walsh@nreca.coop

- [Resources about the EPA Power Plant Rule](#) – with NRECA Government Relations
 - Related Podcast: [EPA’s Proposed Power Plant Rule Threatens Reliability](#) – *Along Those Lines* with NRECA Communications
- Article: [Pathways to Decarbonization](#)
- Article: Nuclear Power - [Article 2 of 4: Light Water SMRs In Development Pique Interest of Co-ops, North American Utilities](#)

- Article: Nuclear Power – [Article 3 of 4: Advanced Non-Light Water SMRs Face Fuel Supply Constraints on Path to Demonstration Nuclear Industry Overview](#)
- Article: Nuclear Power – [Article 4 of 4: The Market for Advanced Microreactors Is Likely to Grow Nuclear Industry Overview](#)
- Nuclear topic content on Small Modular Reactors with NRECA Communications:
 - [Podcast](#)
 - [RE Magazine Story](#)
- Article: [Hydrogen Power: Co-ops Are Helping a New Fuel Industry Grow](#) – with NRECA Communications
- Article: [Project Tundra: Minnkota Moves Forward on Carbon Capture and Storage](#) – with NRECA Communications
- Advisory: [NuScale and UAMPS End SMR Carbon-Free Power Project](#)
- Advisory: [Valuable Opportunities for Co-ops to Engage with CEATI](#)
- Advisory: [The Association of Rural Electric Generating Cooperatives \(AREGC\): Continues to Promote the Exchange of Knowledge and Experience among Member Cooperatives](#)
- Advisory: [Opportunities for Co-ops to Engage with CEATI](#)
- Infographic: [Infographic: How Carbon Capture and Storage Works](#)

Resource Adequacy & Markets

Contact for Questions:

Michael Leitman, Director – System Optimization – Michael.Leitman@nreca.coop

- Report: [The Economic Impact of Electric Cooperatives](#) – with CFC
- Article: [Member Concerns: Safe, Reliable, Affordable Power – “The Big Three”](#) – with NRECA Communications
- Advisory: [Analysis of Electric Cooperative Retail Fuel Mix](#)
- Advisory: [Electric Cooperatives Continue to Lead Industry AMI Deployment](#)
- Advisory: [Cooperative Renewable Growth Update 2023](#)
- Advisory: [Reopening Economy Drove Shifts in the Electric Cooperative Retail Fuel Mix in 2021](#)
- Podcast: [How Direct-Pay Incentives Will Change the Game for Co-ops](#) – *Along Those Lines* with NRECA Communications

Safety

Contact for Questions:

Bud Branham – Director – Safety Programs – Bud.Branham@nreca.coop

- [Thinking Big: Wiregrass EC Emphasizes the ‘Why’ of Working Safe](#) – with NRECA Communications

Transmission and Distribution

Contact for Questions:

Patti Metro, Senior Director – Grid Operations & Reliability – Patti.Metro@nreca.coop

- Infographic: [Substation Security](#) – with NRECA Communications
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