

## PROGRAMS AND SERVICES

# Business and Technology Strategies

## WE ARE HERE TO HELP

Contact our BTS team to learn more about what we do and how we can help with your industry concerns and challenges.

## About NRECA Business and Technology Strategies

NRECA's Business and Technology Strategies (BTS) department **provides actionable guidance** regarding opportunities and challenges facing our industry to support co-op decision-making, solutions application, resiliency, and affordable and reliable electrical power. We **engage directly** with internal and external stakeholders and represent our members' needs in key industry forums to help ensure the continued success of America's electric cooperatives and to showcase their value to consumer-members, the U.S. economy, and the national grid. NRECA **members rely on NRECA's BTS department** for insights and recommendations on current and future trends affecting operations, technology planning, consumer expectations, and policy.

*Stay informed of the latest business and technology resources and engagement opportunities with our monthly Business and Technology Update newsletter.*

**SIGN-UP FOR OUR NEWSLETTER ([HTTPS://WWW.COOPERATIVE.COM/PROGRAMS-SERVICES/BTS/PAGES/TECHNOLOGY-UPDATE.ASPX](https://www.cooperative.com/programs-services/bts/pages/technology-update.aspx))**

## Our Portfolio

- Broadband
- Consulting Services
- Data Analytics
- Cybersecurity
- Federal Research & Funding
- Generation Optimization
- Grid Integration & Modernization
- Industry Economics and Market Trends
- Safety
- Transmission & Distribution
- Wood Quality Control

## Participation Opportunities for Co-ops

The following are highlights of some programs and projects currently open for co-op participation and engagement.

We encourage all our members to review the information and join the efforts that will benefit their needs.

### **Cooperative Tech Insights Webinar Series** (<https://www.cooperative.com/conferences-education/web-based-learning/cooperativetechinsights/Pages/default.aspx>)

This monthly webinar series explores the latest NRECA business and technology solutions and resources available to our members.

### **Become a Cyber Champion!** (<https://www.cooperative.com/programs-services/bts/research/project-guardian/Pages/Cyber-Champions-Pilot-Program-Application-Form.aspx>)

Through Project Guardian 61-7A ([/programs-services/bts/research/project-guardian/](https://www.cooperative.com/programs-services/bts/research/project-guardian/)), our Cyber Champions pilot program is underway. The "Champion" leadership role will help raise awareness of cybersecurity resources and assist your neighboring co-ops to advance their cybersecurity.

### **Cooperative Engineering Standards Interest Group (CESIG)**

([https://www.cooperative.com/topics/transmission-distribution/Pages/Cooperative-Engineering-Standards-Interest-Group.aspx?utm\\_source=Informz&utm\\_medium=Email&utm\\_campaign=%5BEnter%20Campaign%20Name%5D&utm\\_term=%5BEnter%20Message%20ID%5D&\\_zs=JIA6n&\\_zl=HUIID3](https://www.cooperative.com/topics/transmission-distribution/Pages/Cooperative-Engineering-Standards-Interest-Group.aspx?utm_source=Informz&utm_medium=Email&utm_campaign=%5BEnter%20Campaign%20Name%5D&utm_term=%5BEnter%20Message%20ID%5D&_zs=JIA6n&_zl=HUIID3))

Co-ops and other industry stakeholders are invited to join the Cooperative Engineering Standards Interest Group (CESIG), which aims to provide visibility and the co-op voice to the standards-making process.

### **Cybersecurity: Industrial Control Systems for Rural Electric Cooperatives (ICS-REC):**

(<https://www.cooperative.com/programs-services/bts/research/ics-rec/Pages/default.aspx>)

All co-ops with OT/SCADA are invited to join this effort designed to improve and expand on OT Monitoring.

### **TechAdvantage and PowerXchange**

(<https://www.cooperative.com/conferences-education/meetings/techadvantage/Pages/default.aspx>)

Be sure to attend this year's TechAdvantage and PowerXchange conference and visit with our Business and Technology Strategies team to hear the latest on resources and opportunities.

### **Co-op Cyber Tech Conference**

(<https://www.cooperative.com/conferences-education/meetings/Co-op-Cyber-Tech/Pages/default.aspx>)

Join us for this annual conference focusing specifically on cybersecurity in the cooperative space.

### **🔒 Infrastructure Resource Hub**

(<https://www.cooperative.com/programs-services/government-relations/infrastructure-resource-hub/pages/secure/home.aspx>)

Visit this site to find out more about NRECA efforts to identify and support members' pursuit of infrastructure funding.

# Business and Technology Update Newsletter

Subscribe to NRECA's monthly Business and Technology Update newsletter to keep up with the latest on technology and industry trends, resources, and events.

**Subscribe**→

(<https://www.cooperative.com/programs-services/bts/Pages/Technology-Update.aspx>)

## Major Programs and Projects

### **NRECA Research**

(<https://www.cooperative.com/programs-services/bts/research/Pages/default.aspx>)

Working with members and others to perform research and leverage grant opportunities to further research

### **NRECA Cybersecurity Program**

(<https://www.cooperative.com/topics/cybersecurity/Pages/default.aspx>)

Assisting cooperatives in advancing their cybersecurity preparedness

### **Threat Analysis Center (TAC)**

(<https://www.cooperative.com/programs-services/bts/research/Pages/Threat-Analysis-Center-Overview.aspx>)

Assisting co-ops in the detection, analysis, and communication of cybersecurity threats

### **Co-op Cyber Goals Program**

(<https://www.cooperative.com/programs-services/bts/rc3/cyber-goals/Pages/default.aspx>)

Helping co-ops work toward achieving high priority security measures through goals

### **Outreach for Advanced Storage Integration and Support (OASIS)**

(<https://www.cooperative.com/topics/distributed-energy-resources/oasis/Pages/default.aspx>)

Aiming at providing co-ops access to educational tools and resources to empower them to integrate energy technologies with their generation systems

**Rural Electric Workflow Improvements for Rapid Electric Vehicle Supply Equipment Deployment (REWIRE)** (<https://www.cooperative.com/programs-services/bts/research/rewired/Pages/default.aspx>)

Providing federal funding to reduce the soft costs of EVSE deployment

**Electric Co-ops and the Military**  
(<https://www.cooperative.com/programs-services/bts/cooperatives-and-the-military/Pages/default.aspx>)

Looking at how co-ops work closely with U.S. military installations

**MultiSpeak** (<https://www.cooperative.com/programs-services/bts/Pages/MultiSpeak.aspx>)

Providing an interoperability standard for data systems integration

**MicrogridUP**  
(<https://www.cooperative.com/programs-services/bts/microgrid-up/Pages/default.aspx>)

Microgrid planning utilizing an Open Modeling Framework for resilient installations, leveraging their utility privatization

**OMF - Open Modelling Framework**  
(<https://www.cooperative.com/programs-services/bts/open-modeling-framework>)

An enhanced modeling tool to support co-op investment decision-making

## Meet the Team

Meet the BTS leadership team, and check out a comprehensive listing of subject matter experts.

**Angela Strickland**  
Senior Vice President, Business and Technology Strategies

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Senior Vice President, Business and Technology Strategies

Venkat Banunarayanan  
Vice President, Integrated Grid

Ginny Gettemeier Beauchemin  
Senior Managing Director, Consulting Services

Lauren Khair  
Senior Director, Energy Research and

Angela Strickland is NRECA's senior vice president of Business and Technology Strategies. Angela has more than 25 years in the energy industry and most recently served as managing director at GDS Associates where she led the group's work on advanced energy roadmaps, sustainability and electric transportation strategy. She also collaborated on strategy and new market opportunities for ICF's smart communities and innovation initiatives. Prior to her consulting roles, Strickland was Energy Innovation Center Product Development director at Southern Company and held leadership positions at Gulf Power and Georgia Power. Angela received her Bachelor of Science degree in Industrial Engineering from the University of Tennessee and her Master of Business Administration from Georgia State University. She holds a professional engineer license.

## CONTACT

✉ Email (<mailto:Angela.Strickland@nreca.coop>)

# Spotlight: Distributed Energy Resources

**View all →**  
(<https://www.cooperative.com/topics/cybersecurity/Pages/default.aspx>)

## REPORTS

**Electric Vehicles Landscape Update** (</topics/distributed-energy-resources/pages/ev-landscape-update.aspx>)

NRECA's EV Landscape Update provides valuable insights for co-ops, leveraging aggregated data from the EV Atlas Hub, to provide a baseline of trusted information to align co-op strategies with member needs, regional opportunities, and regulatory changes.

## ADVISORIES

**How to Build an EV Strategy** (</topics/distributed-energy-resources/pages/how-to-build-an-ev-strategy.aspx>)

This advisory outlines practical steps to help your co-op build a durable, system-aware EV strategy, drawing on guidance and tools featured in NRECA's EV Resource Summary, as well as insights from DOE, EPRI, NREL, SEPA and other industry partners.

## ADVISORIES

## **[NRECA Electric Vehicle Resources and Opportunities Summary \(/topics/distributed-energy-resources/pages/nreca-electric-vehicle-resources-and-opportunities-summary.aspx\)](/topics/distributed-energy-resources/pages/nreca-electric-vehicle-resources-and-opportunities-summary.aspx)**

This is a summary of NRECA resources for electric cooperative regarding electric vehicles and the corresponding website links.

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## **NEWS**

### **[NRECA Distribution Automation Toolkit Helps Co-ops With Cost-Benefit Analysis \(/news/pages/nreca-distribution-automation-toolkit-helps-co-ops-with-cost-benefit-analysis.aspx\)](/news/pages/nreca-distribution-automation-toolkit-helps-co-ops-with-cost-benefit-analysis.aspx)**

NRECA's Distribution Automation Initiative has a new toolkit to aid co-ops weighing investment in innovative reliability solutions.



## **Upcoming Events**

**WEBINAR**  
**SEPTEMBER 25, 2025**  
**2:00 PM-3:00 PM ET**

**[Infrastructure Consortia Webinar Series \(/conferences-education/web-based-learning/infrastructure-consortia-webinar-series/\)](/conferences-education/web-based-learning/infrastructure-consortia-webinar-series/)**

Online

## **BTS Resource Highlights**

**[Business and Technology Update Newsletter Sign-Up](#)**

**[Business and Technology Update Newsletter Archive](#)**

**[Business and Technology Strategies Outreach and Reporting Archive](#)**

**[🔒 Business and Technology Strategies 2024 End of Year Report](#)**