

# Business & Technology Update



Thursday, May 16, 2019 | [coop.com](http://coop.com) | [BTS Website](#) | [Archive](#) | [Web Version](#) |

## Cybersecurity Training Opportunities

NRECA is offering several cybersecurity training opportunities for members in early June. Don't miss your chance to participate in these sessions and help your cooperative improve your cybersecurity posture.

- **Discount for June 3-7 EnergySec Cybersecurity Education Week**

NRECA's Rural Cooperative Cybersecurity Capabilities Program (RC3) has negotiated a reduced registration fee for our members to attend a week-long cybersecurity training hosted by Energy Sector Security Consortium, Inc. (EnergySec). This next training is June 3-7 in Austin, TX and designed for utility cybersecurity professionals. Instead of the normal registration fee of \$3,495, members can register for \$2,500 using **Promotional Code 30RC3**.

- **Registration**
- Contact for Questions: [Adaora Ifebigh](#)

- **Cybersecurity Summit and Classes at Carnegie Mellon: June 4-5**

Join us for our next RC3 Cybersecurity Summit and Classes on June 4-5 at Carnegie Mellon University to hear the latest on cybersecurity for small- and mid-sized distribution cooperatives. The Summits are not technical sessions, and any members responsible for cybersecurity decisions at their co-ops are encouraged to attend. On June 4th, we will offer two different afternoon cybersecurity classes. June 5th is a full day Summit with presentations on cutting-edge cybersecurity research, legal considerations, insider threats, E-ISAC, NRECA's cybersecurity resources, and more. **Registration is free.**

- **Registration**
- **RC3 2018-2019 Summits Website**
- Contact for Questions: [Cynthia Hsu](#)

- **Opportunity for Members to Take SANS Cybersecurity Online Courses for FREE: Applications Deadline is June 9**

A total of seventy-seven (77) cooperatives have improved their cybersecurity skills through the first two cohorts of NRECA's RC3 Cybersecurity SANS voucher program, and with U.S. DOE funding support, a third group is now able to take this high-quality cybersecurity training at no registration cost. Registration is now open and deadline for application is June 9.

- **Advisory and FAQ**
- **Application for Participation**
- Contact for Questions: [Lauren Khair](#)

## Two EV Beneficial Electrification Opportunities at Denver's History Colorado Center – June 11 & 12

NRECA is proud to be a sponsor of two upcoming events on electric vehicles and beneficial electrification happening soon in Denver:

- **June 11: Electric Vehicle Summit Offered by CoBank**

A concentrated one-day event where electric cooperative management teams will have the opportunity to engage with experts and peers on a variety of topics focused on the utilities' role in

### Upcoming Events

- **EnergySec Cybersecurity Training Week**  
June 3-7, Austin, TX  
Discount for Members with Promotional Code 30RC3
- **RC3 Cybersecurity Summit and Classes**  
June 4-5 at Carnegie Mellon
- **Cooperative Electric Vehicle Summit**  
June 11, Denver, CO
- **Beneficial Electrification – Electrify Colorado!**  
June 12, Denver, CO
- **AREGC Conference**  
June 23-26, Point Clear, AL
- **Technology Planning, Decision Making and Leadership: Enhancing Organizational Effectiveness**  
October 22-23, San Antonio, TX



electric vehicle integration with the grid, including drivers and benefits, load management, rates, deployment strategies, among others. Presentations from key industry leaders will give participants the confidence to develop and execute a strategy around electric vehicles to take back to their cooperative.

- **Registration**
  - Contacts for Questions:  
Brian Sloboda (NRECA) and Tamra Reynolds (CoBank)
- **June 12: 2019 Beneficial Electrification - Electrify Colorado!**

A full-day meeting and networking reception for electric cooperative management teams interested in the rapidly evolving market opportunity of Beneficial Electrification in Colorado. Hear from state and national leaders on a variety of topics focused on the utilities' role in the accelerating electrification of residential, commercial, industrial and agricultural end-uses – water-heating, space-heating, process heating, and more.

- **Registration**
- Contacts for questions: Keith Dennis and Maria Kanevsky

## Allamakee-Clayton Electric Cooperative Takes a Hybrid Approach to Broadband

NRECA's Broadband case study series exemplifies the initiative of co-ops in implementing broadband to support their members' needs and local economic development. View our latest case study, highlighting the creative approach of Allamakee-Clayton Electric Cooperative in implementing broadband when the typical fiber-to-the-home approach was cost-prohibitive. Their hybridized network architecture is a well-thought-through and scalable approach worth considering by other cooperatives.

- **ACEC Case Study**
- **Broadband Case Study Series**
- Contact for Questions: Paul Breakman

## Evolving Energy Efficiency Programs to Incorporate Beneficial Electrification and Demand Response

In this Public Utilities Fortnightly article, Keith Dennis, NRECA Sr. Director, explains the importance of evolving the conventional wisdom around "energy efficiency" to be more inclusive of load shaping, demand response, and beneficial electrification. This will help evolve traditional energy efficiency programs that focus primarily on saving energy to broader programs that also address today's challenge of reducing greenhouse gases and addressing climate change concerns.

- **Article**
- Contact for Questions: Keith Dennis

## Co-op Programs to Serve Low- and Moderate-Income Members

Co-op initiatives that help low- and moderate-income consumer-members run the gamut from community solar projects, time-of-use billing, and efficiency programs to on-bill financing for home upgrades, solar installations, and even electric vehicles. This new RE Magazine article highlights how innovation and community focus help co-ops build programs to ensure members don't get left behind.

- **Article**
- Contact for Questions: Adaora Ifeigh

## Zero Contacts Celebrates One-Year Anniversary – New Resources Added to the Toolkit

Since its launch in April 2018, the Commitment to Zero Contacts safety



initiative has 540+ CEO commitments across 42 states. Two new resources have been added to the to the Commitment to Zero Contacts Toolkit: Online Resource Order Form and Commitment to Zero Contacts Coins.

- [Commitment to Zero Contact Toolkit](#)
- [Podcast: Along Those Lines, Episode 7: Zero Contacts— Keeping Line Crews Safe](#)
- Contact for Questions: [Bud Branham](#)

## Newly Updated: Battery Energy Storage Overview Report

Battery energy storage systems (BESS) can be used for a variety of applications to provide benefits to electric cooperatives and their consumer-members. NRECA, along with CFC, CoBank, and NRTC, recently updated our Battery Energy Storage Overview report to reflect the latest developments with two principal technologies leading battery energy storage deployment – lithium-ion and flow batteries – and to provide case studies of cooperative energy storage initiatives.

- [Report](#)
- Contact for Questions: [Jan Ahlen](#)

## Wind Turbine Leading Edge Erosion

With wind technology becoming more mature and widespread, resource planners and plant operators need to understand how to maintain these turbines to ensure they are running in optimal conditions. One key maintenance issue is leading edge erosion. This new advisory explains this condition and the risk it presents to wind generation assets.

- [Advisory](#)
- Contact for Questions: [Lauren Khair](#)

## Seeking MultiSpeak® Case Studies

In support of Cooperation Among Cooperatives, NRECA features case studies on the co-op implementation of MultiSpeak® and the lessons learned with this Standard for efficient system integration. MultiSpeak is used in more than 800 electric cooperatives, investor-owned utilities, municipals, public power districts, water and gas utilities, universities and Department of Defense in more than 21 different countries worldwide. If you use MultiSpeak and would be interested in us sharing your story, please contact Tony Thomas at [tony.thomas@nreca.coop](mailto:tony.thomas@nreca.coop).

- [MultiSpeak Website](#)
- Contact for Questions: [Tony Thomas](#)

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**Discover the value of NRECA membership. Learn more.**

This is a promotion from the National Rural Electric Cooperative Association  
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