

Business & Technology Update



Thursday, August 23, 2018 | coop.com | [BTS Website](#) | [Archive](#) | [Web Version](#) |

New RC3 Cybersecurity Summits and Classes

With the overwhelmingly positive response from members attending the 2017 RC3 Cybersecurity Summits, five additional Summits will be offered in 2018/2019 – this time with the opportunity to also attend a free half-day cybersecurity class. Registration is now open for the Summits and classes on November 13-14 at Sandia National Laboratory in Albuquerque, NM; and December 11-12 at Great River Energy in Maple Grove, MN.

- [Registration: Summit and Classes at Sandia](#)
- [Registration: Summit and Classes at GRE](#)
- [2018 / 2019 RC3 Summit and Cybersecurity Classes Information](#)
- Contact for Questions: [Cynthia Hsu](#)

Opportunity to Participate in Cybersecurity GridEx Planning

GridEx is a biennial national exercise organized by NERC to simulate a cyber/physical attack on the grid and other critical infrastructures. NRECA and APPA are co-chairing a subteam to provide distribution focused input to the 2019 exercise planning. Co-ops interested in participating, contact:

Cynthia.Hsu@nreca.coop with 'GridEx Subteam' in the subject line.

- [GridEx Information](#)
- [NRECA Article on the Value of GridEx](#)

How to Offer Successful Utility Connected Home Programs

The utility connected home refers to the partnership between the co-op and the end-use member to more effectively manage energy use. This new advisory discusses the value for cooperatives and use cases for successful programs.

- [Advisory](#)
- [Utility Connected Home Webpage](#)
- Contact for Questions: [Brian Sloboda](#)

Solar Project Final Report Recaps Major Success

Upcoming Events

- [G&T Resource Planning Association Conference](#) – October 1-3, Savannah, GA
- [RC3 Cybersecurity Summit and Classes](#) – November 13-14, Sandia National Laboratory, Albuquerque, NM
- [RC3 Cybersecurity Summit and Classes](#) – December 11-12, Great River Energy, Maple Grove, MN

BUSINESS AND TECHNOLOGY STRATEGIES PORTFOLIO



PROVIDING SOLUTIONS
AND ACTIONABLE ADVICE



RURAL COOPERATIVE
CYBER SECURITY
CAPABILITIES PROGRAM

The Solar Utility Network Deployment Acceleration (SUNDA) project, which ran from September 2013 to April 2018, became a major catalyst for the advancement of cooperatives' solar resources. The final report is now available:

- [Final Report](#)
 - [SUNDA Website](#)
 - Contacts for Questions: [Paul Carrol](#) and [Tracy Warren](#)
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Determining Solar System Impact for Your Co-op

The SUNDA program's System Impact Guide equips you with techniques and a process for evaluating the technical system impacts of interconnecting solar to the electric power system (EPS).

- [Guide](#)
 - Contacts for Questions: [Paul Carrol](#) and [Tracy Warren](#)
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Proposed Fire Standard for Energy Storage Systems Could Impact Cooperatives

NFPA 855 (Standard for the Installation of Energy Storage Systems) is a new National Fire Protection Association Standard being developed to define the design, construction, installation, commissioning, operation, maintenance, and decommissioning of stationary energy storage systems including traditional battery systems. Read more about this standard and the potential impact on cooperatives.

- [Advisory](#)
 - Contact for Questions: [Robert Harris](#)
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DICE Technology For Integrating Renewable Resources

Higher natural gas prices may spur interest in alternatives to natural gas-fired systems as a means of integrating renewable resources in the grid. Read about one option - direct injection carbon engine (DICE) - that is undergoing testing and could provide efficiency, emissions, and cost benefits.

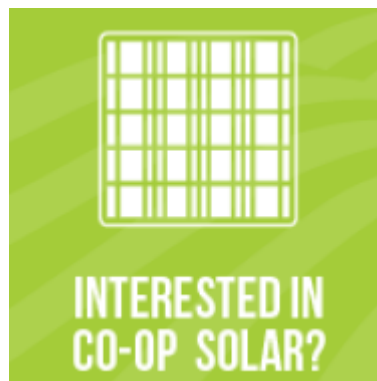
- [Surveillance Article](#)
 - Contacts for Questions: [Dan Walsh](#) and [Dale Bradshaw](#)
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Douglas EC Transforms Broadband in Oregon

Prompted by lack of communications for a medical facility during an emergency, Douglas Electric Cooperative took initiative to address the Broadband need by founding Douglas Fast Net. Read about how Douglas has become a leader in fiber-optic voice and data services, becoming one of the first providers in Oregon to offer Internet speeds up to 1 Gbps to the residential market.

- [Advisory](#)
 - [Broadband Case Study Series](#)
 - Contact for Questions: [Paul Breakman](#)
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Co-op Opportunity to Join Our Analytics Member



Advisory Group

NRECA's Analytics, Resiliency and Resources work group is currently recruiting new members for the Member Advisory Group (MAG), to provide input and guidance for our research and offerings for cooperatives. See this advisory for details.

- [Advisory](#)
- Contact for Questions: [David Pinney](#) and [Adaora Ifebigh](#)

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