

Webinar Today – 1 PM EST: Funding Available for Co-ops Serving Military Communities

The Defense Community Infrastructure Program (**DCIP**) is designed to address deficiencies in community infrastructure supportive of a military installation in order to enhance the military family quality of life, resilience, or military value. In Fiscal Year 2020, \$50 million was appropriated to this program. Only state, local governments and rural electric cooperatives are eligible to receive the grant awards. In support of this effort, NRECA has just announced new customized services to assist cooperatives maximize the opportunity to potentially receive funds through DCIP. **Join us for a free webinar today, 1-2 p.m. EST to learn more.**

- [Webinar Registration](#)
- [More Information about DCIP](#)
- [Website: Electric Co-ops and The Military](#)
- [Contacts: Lauren Khair and Maria Kanevsky](#)

Technology Trends: 'Co-ops 2045'

In the December issue of *RE Magazine*, futurists and industry experts weigh in on how electric co-ops are likely to change over the next 25 years. While much is unknown, it is expected that electric co-ops and an entire power sector will be transformed by technological innovation, robust research and data, and changing public priorities and expectations. Read about how rapid changes in the industry today will result in a grid that is radically different and will change how electric co-ops serve their members.

- [Article](#)
- [Contacts: Craig Miller and Scot Hoffman](#)

Updated Co-op Network Map Now Available

NRECA recently published the America's Electric Cooperative Network map, which includes all changes to co-op service through 2020. This valuable resource is available to members at a discounted rate. The order form, and other updated cartographic resources, can be found on Cooperative.com on the [Maps, Facts and Figures](#) page.

- [Order Form](#)
- [Contacts: Katherine Loving and GIS Team](#)

“Advancing Energy Access for All” Community Anniversary

NRECA's professional community for the initiative “Advancing Energy Access for All” is entering its second year: 200+ members strong and having shared of over 100 posts about innovative ways cooperatives are addressing members' energy needs. Shared resources, including our [Energy Access for All podcast](#) with Cherryland EC, countless publications, and cooperative case studies, have both informed and sparked rich discussion. We also launched a flagship project through this initiative, [ACCESS](#), which includes 7 lead co-ops and a broad group of industry stakeholders to examine ways to provide affordable solar energy access to members in need. Join our community and share how your co-op is helping to advance energy access for all.

- [Community](#)
- [Advancing Energy Access for All Website](#)
- [ACCESS Website](#)
- Contact: [Adaora Ifebigh](#)

Optimizing Generation by Coupling Renewable Energy with Battery Storage

Through NRECA's New Energy Resource Model Initiative, we are examining the innovative ways that cooperatives are adapting to industry changes, reducing risks and capturing benefits for cooperative member-owners. Our latest case study provides insights into how one generation and transmission cooperative in Oklahoma – Western Farmers Electric Cooperative – evolved from being an early leader in adopting renewable resources to developing one of the largest combined wind, solar and battery storage projects in the United States.

- [Case Study](#)
- [New Energy Resource Model Initiative Website](#)
- Contact: [Paul Breakman](#)

DOE Awards \$13M for Testing of New Carbon Capture Technology at ITC

The Wyoming Integrated Test Center ([ITC](#)) has been the site of ongoing leading-edge research into methods for carbon capture. A promising new hybrid carbon capture membrane, developed by Ohio State University, will be tested in a small pilot at ITC by the Gas Technology Institute (GTI) in late 2021. DOE recently awarded GTI \$13M to research if this membrane process meets DOE's performance goal for carbon-capture technologies of a 90% capture rate with 95% purity at a cost of no more than \$40 per tonne of capture. If proven, this technology could be game-changing for co-ops as an effective and economical means of capturing CO2 from the post-combustion flue gas of fossil fuel-fired power plants. This advisory provides more details.

- [Advisory](#)
- [More information on ITC](#)
- Contacts: [Dan Walsh](#) and [Will Morris](#)

FERC Order 2222 for DER Aggregation in Organized Wholesale Markets

In Order 2222, FERC asserts jurisdiction over DER aggregation transactions within RTO/ISO wholesale markets, including resources in front of and behind the distribution customer meter. A small utility opt-in feature allows almost all distribution cooperatives to maintain local control over the decision to allow aggregator access to their consumer-members. NRECA is seeking to defend this opt-in feature at FERC, which is crucial for electric cooperative operations. Cooperatives are encouraged to be involved in RTO stakeholder discussions and stay up to date on the many market and technical requirements for implementation as they evolve. This advisory provides further details:

- **Advisory**
- Contact: [Paul McCurley](#)

WEBINAR AND PODCAST OPPORTUNITIES

Podcasts:

- **What is the Beneficial Electrification League?**
- **How Data Is Revolutionizing the Electric Utility Industry**

Webinars:

- **TODAY: New Funding Available for Co-ops Serving Military Communities**
December 3, 1-2 p.m. ET

On Demand Webinars:

- **The Power of Partnership: Solar Webinar Series**
- **Measuring Co-op Response to COVID-19: Key Take-Aways and Action Items**
- **Future Of... Volume 1: EVs, Battery Energy Storage, and Grid Analytics**
- **Future Of... Volume 2: UAS, Analytics, and Distributed Operations**
- **Aligning Compensation with Your Business Strategy**
- **Broadband as an Essential Service**
- **DOE Wind Energy Webinar**
- **RC3 Online Cybersecurity Self-Assessment Program**

- **Impacts of COVID-19 on Renewable Energy and Storage Development**
- **Impacts of Postponing or Canceling Annual Meetings and Director Elections due to COVID-19**
- **Integrated Vegetation Management (IVM)**
- **Series: Mitigating Bird Issues**

Resources Regarding the Impact of COVID-19 on Co-ops

NRECA has completed several analyses on the impact of COVID-19 on electric cooperatives, including economic, job sectors, safety, broadband, and other areas. Below are links:

- RE Magazine Article: **The Covid Effect: Contact Injuries**
Contact: Bud Branham
- **Measuring Co-op Response to COVID-19: Key Take-Aways and Action Items**
Contact: Mike Sassman
- **Report: Mid-Year 2020 U.S. Economic Outlook: A Focus on Rural America**
Contact: Joe Goodenbery
- **Paycheck Protection Program: Loan Forgiveness**
Contacts: Allison Hamilton and Joe Goodenbery
- **Financial Impact Report**
Contacts: Russell Tucker and Joe Goodenbery
- **Financial Impact and Pathways to Relief**
Contact: Allison Hamilton
- **At Risk Job Sectors Report**
Contact: Michael Leitman
- **Impacts on Generation and Transmission Cooperatives**
Contacts: Lauren Khair and Michael Leitman
- **How COVID-19 Is Impacting Electricity Industry Sectors**
Contacts: Lauren Khair and Michael Leitman
- **Tools to Help Manage Energy Expenses**
Contact: Brian Sloboda
- **The Criticality of Broadband**
Contact: Paul Breakman

- [Business and Technology Resources to Use Virtually](#)
- [NRECA COVID-19 Hub](#)
- [Special Edition: Business and Technology Update](#)

See past issues of *Business and Technology Update* in our [archive on cooperative.com](#).

Discover the value of NRECA membership. Learn more.

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4301 Wilson Blvd, Arlington, VA 22203 | Tel: (703) 907-5500 | E-mail: nreca@nreca.coop

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