

Community-Integrated Distributed Energy Resilience (CIDER) Project Participation Opportunity: Distributed Energy Management Systems (DERMS) Deployment

Opportunity Overview

NRECA and its partners have received federal research funding for a DERMS project and are looking to recruit cooperatives to participate.

We are looking to work with co-ops who would be willing to deploy a DERMS (distributed energy management systems) for monitoring and controlling distributed energy resources (DERS), i.e. solar, storage, and flexible load. In the research portion of the project, NRECA would like to study and measure how the system capabilities can assist with outage restoration.

There is no cost to participate outside of some time required to guide the installation and operation of the system. Federal research funding will cover all software deployment, integration, and maintenance fees during the project period of performance (mid-2023 through mid-2026).

The project activities that have been funded by the federal grant are:

1. Deploy the cloud-based [Camus.energy](#) DERMS systems to enable monitoring and control of distributed energy resources by adding existing DERs and utility assets into the system.
2. Integrate the [Emulate.energy](#) internet-of-things (IoT) platform to quickly and easily add consumer energy assets into the DERMS system without hardware control devices and integrate those devices as a Virtual Battery to allow for consistent control across multiple device types.
3. Study and measure how increased visibility and control can aid outage restoration.

If you are interested in participating or have any questions, please contact David.Pinney@NRECA.coop. For additional details about the project goals and timeline, please see the additional information section below.

To meet federal project deadlines, **we will need to receive your response by October 15th**, at which point we will be in touch about detailed steps to achieve the deployment.

Additional Information

- Slides: [CIDER DERMS Deployment and Research Project](#)
- Article: [DOE Awards \\$2.9M to NRECA Effort to Link Distributed Generation Sources](#)

Contact for More Information and Participation Inquiry

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