WELCOME TO THE

Connected Communities Data Opportunity Office Hours Session

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TechWerx

A DOE Innovation Hub

Connecting visionaries, researchers, industry and energy leaders with the opportunities and experts to build the ecosystem, technologies, workforce and infrastructure to enable an equitable and resilient energy transition.

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U.S. Department of **ENERGY**™

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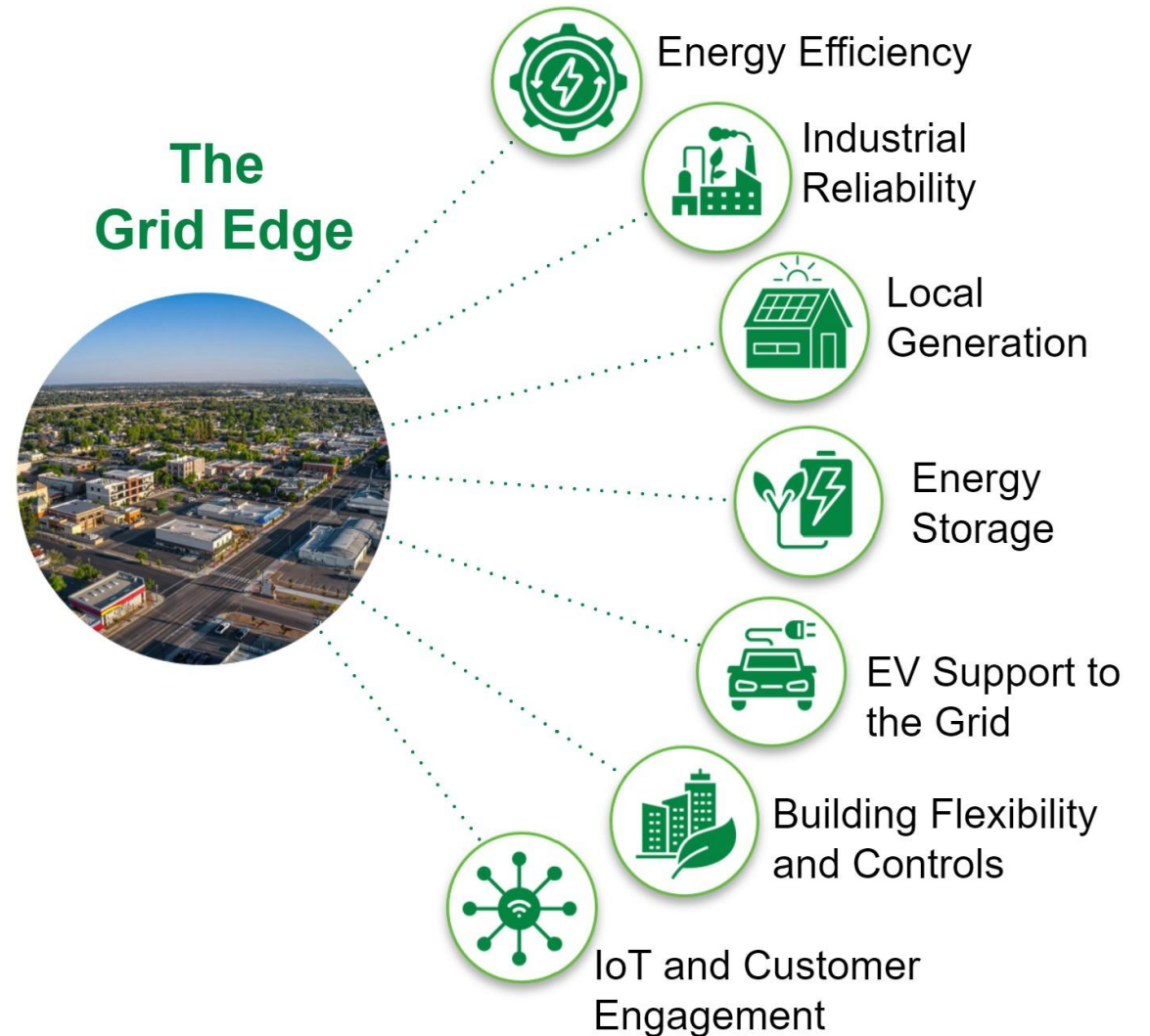
Building Technologies Office

The Building Technologies Office (BTO) conducts research, development, and demonstration activities to accelerate the adoption of technologies and techniques that enable high-performing, affordable buildings that meet Americans' need for resiliency and health while also supporting a reliable energy system.

Background

The Connected Communities Data Opportunity is intended to help make the grid more efficient, flexible, and resilient by further validating the use of technical measures located at the grid-edge.

This opportunity will help increase the acceptance of grid-edge technical measures and innovative planning strategies by utilities, communities, and regulators as viable approaches towards efficient infrastructure investment for decarbonization.

The Grid Edge

- Energy Efficiency
- Industrial Reliability
- Local Generation
- Energy Storage
- EV Support to the Grid
- Building Flexibility and Controls
- IoT and Customer Engagement

U.S. Department of ENERGY

Overview

- **Purpose:** The Connected Communities Data Opportunity will support the collection and analysis of existing pilot program data focused on validating grid-edge technical measures and innovative planning strategies as viable strategies for efficient infrastructure investment.

- **Project Details:** Ideal candidates will have both proven capacity to deliver quality, insightful analysis and have existing access to data of interest. Selected awardees are anticipated to each receive around a $1,000,000 award with no required cost share.

- **Scope:** Analysis on the increased customer and grid resilience using grid edge technical measures, both in front of and behind the meter. Evaluation of the potential for distributed energy resources (solar, wind, hydro, batteries, other energy storage, EVs, etc.) to provide resilience and reliability to the expanding grid, especially smart charge management from electric vehicles.

Timeline

Applications open	December 9, 2024
Office Hours Session #1	December 18, 2024 at 2 p.m. ET
Office Hours Session #2	January 7, 2025 at 2 p.m. ET
Application Deadline	**January 9, 2025 at 5 p.m. ET**
Review and Selection	By February 2025
Negotiations	~1 months after selections have been made
Selectees Announced	Anticipated April 2025
Activities Begin	**Anticipated April 2025**

THANK YOU FOR ATTENDING THE

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Scan the QR code to share your feedback on the Office Hours session with us via a brief survey.

This recording, transcript and FAQ will be uploaded to the TechWerx website.