



# Joint Office of Energy and Transportation Ride and Drive Electric (Ride and Drive Electric)



Application due:  
8/25/2024 (estimated)



Available funding for 2023: \$51M

# The Ride and Drive Electric Grant provides funding to improve the EV charging network

## Goals and merit criteria for Ride and Drive Electric Grant:



### The objective of the grant is to:

- The grant seeks applications to address discrete barriers to a future where everyone can ride and drive electric. More specifically, it seeks to address discrete challenges to a convenient, affordable, reliable, secure, and equitable EV charging network by enhancing institutional capacity, encouraging holistic approaches, fostering inclusive and equitable outcomes, and ensuring a world-class customer experience.
- This grant will directly advance the goal of building a national network of EV chargers for all Americans by supporting EV charging reliability, resiliency, equity, and workforce development. Enhancing and expanding EV infrastructure nationwide will also indirectly contribute to the goal of having 50% of all new light-duty vehicle sales be electric by 2030.

# Ride and Drive Electric Grant Details

*Expected awards distribution includes*  
*10-15 grants for Topic 1,*  
*5-8 grants for Topic 2A,*  
*5-10 grants for Topic 2B,*  
*2-3 grants for Topic 3A, and*  
*2-4 grants for Topic 3B*

Eligible grant uses



Topic 1

**Enhancing EV Charging Resiliency**

Develop, share, and refine specific and actionable plans and strategies that ensure continuity of operations and services of EV charging infrastructure for all EV users in a given region

Topic 2A

**Community-Driven Models for Electric Vehicle Charging Deployment**

Asses, develop, and/or test business models that integrate EV and/or charger deployment in ways that deliver mobility, economic, or other benefits to Justice40 and underserved communities

Topic 2B

**Workforce Development**

Support a diverse and highly skilled workforce within the electrified transportation industry to support the deployment and maintenance of EV charging related equipment. Goal is to expanded access to career-track training and employment in EVSE installation and maintenance work for a diversified pipeline of individuals.

Topic 3A

**Improving EV Charging Performance and Reliability**

Increase industrial capacity, competition, redundancy, and broad access to validation testing and certification in the United States of DC fast chargers with rated power capacity between 150 kW and 1 MW.

Topic 3B

**Validating Public EV Charging Infrastructure Real-World Performance and Reliability**

Assess the performance, reliability, and usability of AC Level 2 charging and/or DC fast charging (DCFC) stations across the United States.

Award amounts



Average grant size:

**\$ 250k – 4M**

Expected number of awards:

**24-40**

# High level requirements to apply for the Ride and Drive Electric Grant



## Eligible Entities

### Eligible domestic entities include

- Higher Ed Institutions
- For profit entities
- Non-profit entities
- State and local government entities
- Tribal governments

### Foreign entities:

In limited circumstances, DOE may approve a waiver to allow a foreign entity to participate as a prime recipient or subrecipient



## Key Grant Application Components<sup>1</sup>

### Application components:

- Technical volume
- Resumes
- Letters of commitment
- Community partnerships documentation
- Statement of Project Objectives
- SF-424
- Budget Justification Workbook
- Summary/Abstract for Public Release
- Summary Slide
- Subrecipient Budget Justification
- DOE Work Proposal for FFRDC, if applicable
- Authorization from cognizant Contracting Officer for FFRDC
- SF-LLL Disclosure of Lobbying Activities
- Foreign Entity Waiver Requests and Foreign Work Waiver Requests
- Community Benefits Plan: Job Quality and Equity
- Locations of Work
- Transparency of Foreign Connections (if applicable)
- Potentially Duplicative Funding Notice

### Additional information on application

#### Application requires concept paper including:

- Cover page
- Technical description and impacts
- Community benefits plan