

Communities Taking Charge Accelerator

PCFO IGAP Grant Snapshot

April 27, 2024

Agency: Department of Energy (DOE)	Bureau: Office of Energy Efficiency and Renewable Energy (EERE)
Application Deadline: May 20, 2024: Concept Paper due July 16, 2024: Full Application due	Max Award: \$4 million

Description

Through this new program, DOE aims to expand equitable clean transportation and provide clean reliable energy. This program will make strategic investments at the local level that address key barriers to expanding access to electrified mobility options for individuals without home charging; accelerate the transition to electrified fleets; and mature the implementation of managed charging systems to mitigate impacts and optimize usage of the grid.

Eligible Recipients

- Institutions of higher education
- For-profit entities
- Non-profit entities
- State and local governmental entities
- Indian Tribes

Eligible Projects

Applications can be proposed exclusively as planning projects, exclusively as demonstration and/or deployment projects, or as a combination of both planning and demonstration and/or deployment.

Topic Area 1: Solving for No-Home Charging: Expanding Charging Access for Privately Owned E-Mobility

The objective of this topic is to fund planning and/or demonstration and/or deployment projects that explore innovative e-mobility charging solutions for individuals without access to home charging for their electric vehicles and mobility devices. Project concepts may include, but are not limited to:

- Innovative public charging models that address challenges for residents of multifamily housing and those without safe access to home charging
- EV charging deployment strategies that lower costs and/or charging times
- Affordable, equitable charging rate design

Topic 2: Expanding E-Mobility Solutions through Electrified Micro, Light and Medium-Duty Fleets

The objective of this topic is to fund projects focused on innovative charging and deployment solutions for electrified ultra-light, micro, light, and medium-duty fleets that transport people through shared rides, shared vehicles (including micromobility), or transit operations, and that transport goods to communities through last mile delivery vehicles. Project concepts may include, but are not limited to:

- Needs assessment and energy/infrastructure planning for ancillary facilities and charging depots for equipment at industrial areas such as airports, ports, warehouses, depots, staging lots, etc.
- Novel ways to measure and monitor reduction in greenhouse gas outputs, improved air quality, and effects on grid power consumption
- Managed charging and/or bi-directional charging and virtual power plant demonstrations for idle fleet vehicles
- Converting internal combustion engine-powered medium-duty or public transportation fleet vehicles to electric through repowering
- Novel approaches to provide charging for electrified microtransit and transit bus services

Topic 3: Managed Charging for Clean Reliable Energy

The objective of this topic is to fund projects that accelerate solutions in the EV charging ecosystem. Topic 3 will provide requirements and specifications for end-to-end managed charging functionality including charging and communication systems and can include demonstrations of these systems.

An entity may submit more than one Concept Paper, provided that each application describes a unique, scientifically distinct project.

Matching Grant Requirements

Topic Area	Activity Type	Min. Cost Share Requirement
Topic Area 1	Planning	0%
	Demonstration/Deployment	50%
Topic Area 2	Planning	0%
	Demonstration/Deployment	50%
Topic Area 3	Planning	20%
	Demonstration/Deployment	50%

New or Existing Program New

Tips for Being Competitive Each Concept Paper must include how you will approach a Community Benefits Plan that addresses four key areas:

- Community and labor engagement leading to negotiated agreements
- Investing in job quality and workforce continuity
- Advancing diversity, equity, inclusion, and accessibility
- Contributing to the Justice40 Initiative goal that 40% of the overall benefits from climate and clean energy investments flow to disadvantaged communities

Labor Requirements In the Concept Paper and Full Application, applicants are required to describe their approach to investing in workforce education and training of both new and incumbent workers and ensuring jobs are of sufficient quality to attract and retain skilled workers in the industry. This plan may include a collective bargaining agreement, labor-management partnership, or other similar agreement.

Partners Required DOE highly encourages partnerships across multiple disciplines including land use and urban design, transportation, energy, labor, community engagement, and equity. In support of the Community Benefits Plan, applicants may submit documentation to demonstrate existing or planned partnerships with community entities, such as organizations that work with local stakeholders most vulnerable to or affected by the project.

To facilitate the formation of teams, DOE is providing a Teaming Partner list, where interested organizations can provide their contact information. You may submit your information or view other interested parties at the Teaming Partner List on the [EERE eXCHANGE](#).

Agency Contact FOA3214@netl.doe.gov

Total Allocation \$54 million

Anticipated Award Date December 2024

Resources

- [Program Page - Joint Office of Energy and Transportation](#)
- [Funding Opportunity - EERE eXCHANGE](#)