Federal Highway Administration Programs
Charging & Fueling Infrastructure (CFI) Discretionary Grant Program

The $2.5 billion CFI grant program just released its first round of funding totaling $700 million to deploy charging or alternative fueling infrastructure in communities and along charger corridors. This program will augment the National Electric Vehicle Infrastructure (NEVI) program and apply similar minimum standards.

Summary of the CFI Discretionary Grant Program
As part of the Bipartisan Infrastructure Law which became law in November of 2021, the US Government dedicated $7.5 billion across three programs for the deployment of public EV chargers. $5 billion is administered under the National Electric Vehicle Infrastructure (NEVI) program, which provides formula funding to all US states and territories. $2.5 billion is dedicated to the Charging & Fueling Infrastructure (CFI) Discretionary Grant Program.

The CFI grant program is administered by the US Department of Transportation (USDOT), in collaboration with the US Department of Energy (USDOE), and is evenly split into two sub-programs titled (1) Community Charging and Fueling Program Grants (Community Program), and (2) Alternative Fuel Corridor Grants (Corridor Program).

$700m Solicitation for CFI Program is Open Now
In spring 2023, the USDOT released the first notice of funding opportunity soliciting applications for grants totaling up to $700M. The application deadline for the first round of CFI funding is June 13, 2023 at 11:50 p.m. EST.

The $700M is divided into two separate grant categories:

Community Charging and Fueling Program Grants (Community Program):
Up to $350M is available for the Community Program to strategically deploy EV charging and alternative fueling infrastructure located on public roads or in other publicly accessible locations. Examples of publicly accessible locations include public parking facilities, parking at public buildings, public transportation stations, public schools, public parks, etc. Equipment must be made available to the public without restriction.

Alternative Fuel Corridor Grants (Corridor Program):
Up to $350M is available for the Corridor program to strategically deploy EV charging and alternative fueling infrastructure along designated alternative fuel corridors (AFCs).
Basic Program Requirements

Eligible lead applicants for the CFI grant program include public entities such as a State, metropolitan planning organization, local government, port authorities, tribes, or any combination of these entities.

- **Corridor Program**, the public entity serving as the lead applicant must partner with a private entity for acquisition and installation, or operation, of eligible infrastructure.
- **Community Program**, partnership or contracting with a private entity for the Community Program is allowed, but not required.

Cost share: Applicants must provide at least 20% of the total project cost. The federal share of the project cost may not exceed 80%.

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**Equipment eligibility**: Recipients of CFI funding are required to comply with applicable sections of the NEVI Standards and Requirements. Chargers funded through CFI must be Buy America Act compliant.

- **ABB E-mobility’s Terra 184**, which provides 180kW of power, aligns with these requirements and is already being manufactured in South Carolina.

Project Criterion: All projects will be assessed against the following

1. Safety
2. Climate Change, Resilience, and Sustainability
3. Equity, Community Engagement, and Justice
4. Workforce Development, Job Quality, and Wealth Creation
5. CFI Program Vision Alignment

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Eligible charging equipment

![ABB Terra 184 C NEVI](image)

**COMPLIES WITH**

BAA

Buy America Act rule from the Federal Highway Administration (FHWA)

**ENABLES**

97%

uptime with a well-resourced service program, SLA and parts planning

**ALIGNS WITH**

NEVI

minimum standards for hardware, digital and operational requirements

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ABB E-mobility’s NEVI-enabled charging solutions meet the needs of charging sites across the United States. Program and offering details can be found in our NEVI Guide.

To learn more about charging deployment strategies that meet EV driver expectations while supporting operational goals, please read the ABB E-mobility white paper, “Charger reliability best practices.”

ABB E-mobility facilitates charger reliability through our comprehensive approach to service, including Service Level Agreements (SLAs) that support high uptime requirements.
The 180 kW Terra 184 aligns with CFI grant program requirements and is manufactured in the United States.

**Community Program Guidance**

Community Program grants may be awarded to any project with publicly accessible fueling or charging infrastructure that is expected to reduce greenhouse gas emissions and to expand or fill gaps in access to eligible fueling infrastructure.

Priority will be given to projects that expand EV charging infrastructure access in rural areas, low- and moderate-income neighborhoods, and within communities with a low ratio of private parking spaces to households or a high ratio of multi-unit dwellings to single family homes.

**Award Amount:** The minimum award for Community Program grants is $500,000. The maximum award is $15 million.

**Preferred Applications:**
- **Multi-Modal Hubs and Shared-Use Fleets and Services:** connect/promote rental vehicle, taxi, carshare, ride-share, ride-hail, bicycle, micro mobility, micro transit, and other electrified multi-passenger or active mobility options and/or connect national freight corridors with local deliver providers and fleets (e.g., urban depot charging for light and medium duty vehicles)
- **Urban/Suburban Area Charging and Fueling Solutions:** provide convenient, affordable access to charging and alternative fuel infrastructure for multi-unit dwellings and homes without driveways or garages. Projects should seek to advance lower cost and highest return charging solutions with light construction when possible. Also of interest is charging/mobility hubs that serve both inner-ring suburban and urban needs.
- **Rural Area Charging and Fueling Solutions:** support multi-purpose use including single occupancy vehicles, medium-duty vehicles and fleets, shared vehicles, and taxi or other service vehicles in the community. Projects should identify and address unique rural challenges and provide affordable solutions.

**Corridor Program Guidance**

Like the $5b formula funded NEVI program, Corridor Program grants are expected to support the buildout of charging or alternative fueling infrastructure along designated AFCs, in general within one mile of the Interstate exits. Public entities must contract with a private entity for acquisition and installation, or operation, of eligible infrastructure. Operating assistance for the first 5 years of operation after installation is allowable.

**Award Amount:** The minimum award amount for Corridor Program grants is $1 million. There is no maximum award amount.

**Preferred Applications:**
- **Demonstrate Build-Out of AFCs:** expand deployment of public DCFC and alternative fueling infrastructure along designated AFCs. Infrastructure projects of interest can expand existing or add new charging and fueling infrastructure for light-duty, medium-duty, and heavy-duty vehicles.
- **Zero Emission Corridors for Medium-and Heavy-Duty Vehicles:** provide EV charging and hydrogen fueling infrastructure that will enable zero emission movement of goods, connecting distribution hubs and population centers. Projects may also seek to connect national freight corridors with local delivery providers and fleets. Medium- and heavy-duty infrastructure applications should include explicit fleet commitments to utilize the infrastructure.
- **Resiliency:** promote reliability and resiliency to intermittent or sustained power outages, disruptive and increasingly severe weather, high demand events that can strain the electric grid, or otherwise provide charging services in emergency situations. Solutions may require complementary technologies (e.g., on-site battery storage, DERs, microgrids, V2X)

**Additional Scoring Criteria:** In scoring, the USDOT will also consider the extent to which corridor projects will:
- Provide redundancy to meet excess demand
- Reduce congestion at existing infrastructure in high traffic locations
- Support a long-term competitive market for charging or alt fueling
- Accelerate the construction of infrastructure that would be unlikely with Federal assistance
- Support the National Highway Freight Network
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**SUPERIOR CHARGERS**
The highest quality and widest range of charging technology
- High quality: components, materials and designs in the widest power range
- Field tested: Built on more than decade of experience in all conditions and use cases
- Safety first: Third party certifications; company-wide health, safety and sustainability mandates.

**SMARTEST SERVICES**
The most flexible provider of smart, networked and remotely serviced chargers
- Business model enablement, technology integration teams and online connectivity
- High uptime: Remote and field service support team for exceptional charger availability
- Future-proof: Always up to date with latest standards and protocols

**RELIABLE PARTNER**
Vast experience designing and deploying EV charging technology
- Project and service excellence: Dedicated teams to support charger deployment and maintenance
- Human talent: unrivaled engineering and service organization
- Committed: Electrifying transportation for more than a decade

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ABB E-mobility has the technology, services and experience to enable successful EV charging programs.

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Contact our NEVI support team today

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