Charging and Fueling Infrastructure Grant Applicant Flow Chart

Where are proposed charging site locations?

Located on a public road or in a publicly accessible location

Located within 1 mile of an Alternative Fuel Corridor

Unsure

Check Alternative Fuels Corridor map

Consider proximity to both "ready" and "pending" status corridors

Yes

Have a private charging partner?

Yes

Corridor Grant Program

No

Consider charging vendor options

Check Federal GSA, DriveEVFleets.org, or your state bid contracts

Consider applying to both programs

Applicants may apply to both grants with one application

Community Grant Program

Do you have a private entity partner?

Identify focus area(s)

Multi-model hubs & shared-use fleets

Can include carshare, rideshare, or other mobility hub options

Fleet vehicles that serve & operate in communities

Includes consideration for both public & private fleet operation

Urban/suburban area charging & fueling solutions

Prioritize access for multi-unit dwellings & residents without dedicated, off-street charging option

Rural area charging & fueling stations

Consider specific community needs that are unique to rural areas

Identify focus area(s)

Build out AFCs

Priority for filling in gaps & preparing AFC pending cooridors

Addresses resiliency

Provide reliability to intermittent or disruptive power service, could include on-site energy storage, distributed energy resource, microgrid, or vehicle-to-grid technology

Zero emissions corridors for MHD vehicles

If possible, include explicit fleet commitments to utilize infrastructure

Application Tools

DOT's Transportation Disadvantaged Census Tracts

Identify Justice40 community areas for prioritization

EV Charging Justice40 Mapper

Overlay of Justice40 tracts with Alternative Fuel Corridor mapping

Geospatial Energy Mapper

Spatial heatmapping to consider "gap fill" of EV charging, including input of community demographics

AFLEET

Calculate emissions savings of EV Charging operation

Judging Criteria

Safety

Demonstrate how project appropriately mitigates safety risks, ensuring convenient & safe access to EV charging stations

Climate Change, Resilience, and Sustainabiltiy

Address and demonstrate how project will reduce transportation GHG emissions & avoid adverse impacts on surrounding community

Equity, Community Engagement, Justice40

Demonstrate how meaningful public involvement & inclusion of disadvantaged populations will occur during project, providing benefit to underserved communities

Workforce Development, Job Quality, and Wealth Creation

Demonstrate how workforce development programs will provide job growth opportunities, especially for women, people of color, & other underrepresented demographics

CFI Program Vision

Describe how project will expand EV charging along Alternative Fuel Corridors & within communities

Links

AFLEET: https://afleet.es.anl.gov/home/
Alternative Fuels Corridor Map: https://arcg.is/LG01i1
DOT's Transportation Disadvantaged Census Tracts: https://usdot.maps.arcgis.com/apps/dashboards/d6f90dfcc8b44525b04c7ce748a3674a
Drive EV Fleets: https://driveevfleets.org/
EV Charging Justice40 Mapper: https://anl.maps.arcgis.com/apps/webappviewer/index.html?id=33f3e1fc30bf476099923224a1c1b3ee
Geospatial Energy Mapper: https://gem.anl.gov/tool

Electrification Coalition