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

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

Do you have a private entity partner?

Multi-model hubs & shared-use fleets

Include consideration for both public & private fleet operation

Fleet vehicles that serve & operate in communities

Identify focus area(s)

Urban/suburban area charging & fueling solutions

Consider specific community needs that are unique to rural areas

Rural area charging & fueling stations

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

Identify Justice40 community areas for prioritization

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

Application Tools

DOT's Transportation Disadvantaged Census Tracts

Alternative Fuels Corridor Map

Drive EV Fleets

EV Charging Justice40 Mapper

Overlay of Justice40 tracts with Alternative Fuel Corridor mapping

Identify focus area(s)

Build out AFCs

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

If possible, include explicit fleet commitments to utilize infrastructure

If possible, include explicit fleet commitments to utilize infrastructure

Consider specific community needs that are unique to rural areas

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Links

AFLEET: https://afleet.es.anl.gov/infrastructure-emissions/

Alternative Fuels Corridor Map: https://arcg.is/c5S96

DOT's Transportation Disadvantaged Census Tracts: https://usdot.maps.arcgis.com/apps/dashboards/d6f90d7cc8bb44527bb04c2ce748a5e74a

Drive EV Fleets: https://driveevfleets.org/

EV Charging Justice40 Mapper: https://anl.maps.arcgis.com/apps/webappviewer/index.html?id=33f3e1fc30b4760999232224a1f3b3e

Geospatial Energy Mapper: https://gem.anl.gov/tool