



COLORADO

Department of Transportation

Clean Transit Enterprise

Clean Transit Enterprise (CTE) Capital Grant Program

Supplemental Questions Application Form

General Project Overview

1. How does this project support your agency's long-term fleet decarbonization strategy? Indicate whether this project represents a pilot, an early transition phase, a later implementation phase, or a final stage of your transition plan.

2. Fleet Transition Goals:

- What is your long-term agency goal (5-year, 10-year, etc.) for the number or percentage of zero-emission vehicles (battery-electric, hydrogen fuel cell, or other) in your fleet?

- What is the expected timeline for achieving these goals?

- If you have a fleet transition plan, please attach it with your application.
3. Fuel Type (note: for facility projects, please select the fuel propulsion type used at the facility):
- Battery Electric
 - Compressed Natural Gas (CNG)
 - Hydrogen Fuel Cell
 - Other (please specify): _____
4. Project Type (check all that apply):
- Bus Replacement (Number of buses: _____)
 - Bus Expansion (Number of buses: _____)
 - New Bus Facility
 - Bus Facility Upgrade(s)
 - Bus Facility Expansion
 - Battery Electric Vehicle Charging Infrastructure
 - Hydrogen Vehicle Fueling Infrastructure
 - Other (please specify): _____

Power and Fuel Delivery Planning

Complete only the section relevant to your proposed technology. Mark “N/A” for all others.

5a. Battery Electric Vehicle (BEV) Projects Only

- Who is your electric utility provider(s) in your service area?

- Describe any existing coordination with the utility provider(s) regarding fleet electrification plans (e.g. rate structures, make-ready investments, partnership feedback)

- Describe how the rate structure and demand charges affect your bus charging operations, and what strategies will you use to manage these costs?

- What is your anticipated charging schedule? Describe any impacts to the existing route service.
- Share your estimated monthly electric costs (total and per mile), including demand charges:
- Identify facility name(s) and location(s) where buses will be charged and stored:
- For each facility, describe infrastructure needs, equipment type/power level/quantity, and installation timeline:

- Share your estimated overall cost of facility modification and the identified funding sources available to support it:
- How many additional buses (beyond currently submitted requests) could the upgrades support?
- How will you handle on-route charging or charging between trips, and how will this affect route planning?

5b. Hydrogen Fuel Cell Vehicle Applicants Only

- Describe the anticipated hydrogen supply source(s):
- Describe fueling, storage, and other infrastructure needs, including estimated costs:
- How much of your current fleet could this infrastructure support before additional investment is required?

5c. Renewable Natural Gas (RNG) Vehicle Applicants Only

- Who is your current or anticipated CNG/RNG supplier?
- Does the provider offer RNG as an option? (*Note: RNG use is required for vehicles funded through Settlement Program funds.*)
- Describe any additional CNG fueling infrastructure needed and the estimated costs:

Project Implementation Strategy

6. Identify what trained technicians (agency staff or external providers) are available to support this vehicle type, and/or how you plan to develop them to provide future support:

7. Describe past, current, and planned efforts to build long-term support for fleet decarbonization within your agency and across the community that you serve:

8. What specific route(s) will the new vehicles serve?

9. Describe the characteristics of each route identified, including total distance, length of service period, elevation gain/loss, climate, or other pertinent factors and characteristics that have influenced this selection:

10. Describe what modeling, analysis, and/or real-world trials your agency has conducted to assess the viability of the specific route(s) using the requested electric or zero-emission vehicle(s):

11. Based on the route analysis, what adjustments to routes, schedules, or operations (e.g., on-route charging, layover modifications) are anticipated to ensure project success?

Greenhouse Gas (GHG) Reduction Analysis - Vehicle Projects Only

To support equitable scoring across all vehicle requests, CDOT will calculate anticipated greenhouse gas (GHG) reductions using an internal tool. Applicants are required to provide the following data inputs for each batch of vehicles requested:

Please complete one row for each vehicle type included in your request. Attach additional table rows or pages if needed. CDOT will use this information to calculate estimated GHG reductions.

- **Vehicle Type Requested:** Describe the type/class of the vehicle requested
- **Number of Vehicles Requested:** Enter the total number of vehicles of this type requested
- **Vehicle size:** Input the size category
- **Total Vehicle Revenue Miles (VRM):** Sum the projected annual VRM for all vehicles requested.
- **Fuel Type of Vehicles Being Replaced:** Diesel, CNG, electric, hybrid (specify).
- **Fuel Type of New Vehicles Requested:** Diesel, CNG, electric, hybrid (specify).

Vehicle Type Requested	Number of Vehicles	Vehicle Size	Annual Vehicle Revenue Miles (VRM) - Total	Fuel Type of Vehicles Being Replaced	Fuel Type of New Vehicles Requested	Notes (if applicable)
<i>Example: Standard electric bus</i>	2	35-40' Bus Cutaway	100,000	Diesel	Battery Electric	N/A