**TFCA PROJECT INFORMATION FORM D**

**Alternative Fuel Infrastructure**

|  |
| --- |
| **Project Sponsor:****Project Title**:      **Project Contact:**       |

**Eligibility**

Alternative Fuel Infrastructure projects are identified as an eligible project category under Policy No. 26 of the Air District’s TFCA County Program Manager (CPM) Policies and intended to accelerate the adoption of zero-emissions vehicles through the deployment of alternative fuel infrastructure, i.e., electric vehicle charging sites and hydrogen fueling stations.

Eligible refueling infrastructure projects include new dispensing and charging facilities, as well as additional equipment or upgrades and improvements that expand access to existing alternative fuel fueling /charging sites. This includes upgrading or modifying private fueling/charging sites or stations to allow public and/or shared fleet access. Projects are subject to the following conditions:

* Projects must achieve surplus vehicle emission reductions, i.e., reductions that are beyond what is required through regulations, ordinances, contracts and other legally binding obligations.
* Funding may be used to cover the cost of equipment and installation. TFCA funding may not be used to pay for fuel, electricity, operation and maintenance costs.
* TFCA funds may be used to upgrade infrastructure projects previously funded with TFCA as long as the equipment has been maintained and has exceeded the duration of its years of effectiveness after being placed in service (as established in the previous TFCA funding evaluation).
* Equipment and infrastructure must be designed, installed and maintained as required by the existing recognized codes and standards and approved by the local/state authority.
* Project sponsors are expected to maintain the equipment for a minimum period of three years after installation and may be required to report usage data. If project usage/performance is below the estimated amount, a project’s minimum operating period may need to be extended an additional year to achieve proposed benefits.
* Fueling/charging infrastructure projects that are not intended for public access/use (e.g., for public agency fleets) require detailed information to be provided about the vehicles that will use the proposed equipment. Please contact Alameda CTC staff to discuss prior to completing an application, and note that for fleet projects *Form E Alternative Fuel Vehicles* is also required.

**Project Information**

*For all projects proposed for TFCA funding under this category, Alameda CTC is required to evaluate estimated emissions reductions for criteria pollutants (NOX, ROG, PM10) and TFCA cost-effectiveness, based on the following project information. Use the most accurate or best estimate data available and state all assumptions/calculations.*

**PART 1: Electric Vehicle Charging Stations**

1. **Project Description:**

1. **Project Location(s):**

1. **Complete the table below with the requested charger information:** Charger type, manufacturer and model, kilowatt rate, single- or duel-port, and the quantity of each.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Quantity** | **Type***(Level I, Level II or DC fast)* | **Manufacturer** | **Model** | **Kilowatt (kW) Rate** | **Single- or Duel-port?** |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |

1. **In the table below, provide information about the current vehicles that will be replaced with EVs once the project chargers are installed and when the EVs will be purchased.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Quantity** | **Type***(Light-duty is* *< 8,500 lbs; Heavy-duty is* *> 8,500 lbs)* | **Fuel Type***(e.g., gasoline, diesel, hybrid- electric)* | **City Department/ Use** | **Avg Annual VMT** *(can be documented by 2-yrs of records)* | **Year Vehicle(s) will be Replaced with EVs** |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |

1. **Provide any additional information that may be useful in the project evaluation.**

**PART 2: Other Vehicle Fueling Infrastructure and Upgrades**

1. Is the project installing a new fueling station or upgrading an existing facility/equipment?

### What is the alternative fuel type to be provided by this proposed facility?

1. What type(s) and quantities of vehicles will be served by this proposed facility? For each type, include the CARB-issued Executive Order (EO) as an attachment to the application.

1. What is the annual vehicle mileage traveled (VMT) of the vehicles to be served, based on average VMT over 2 years and documented with 2 years of mileage records?

1. What is the annual fuel usage of these vehicles, based on average fuel use over 2 years and documented by 2 years of fuel records?

### Provide any additional information that may be useful in the project evaluation.