



REGIONAL AIR QUALITY COUNCIL

Advanced Fleet Technology Program Electric Vehicles and Charging Infrastructure Project

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Project

- RAQC has received funding for an Electric Vehicle/Electric Vehicle Supply Equipment (i.e., charging stations) project for the Denver metro area.
- We will solicit local government and private entity participation.
- Working with CEO who received funding for EVSE only outside the Denver metro area.
- RAQC and stakeholders have developed an application that will be required for all projects.

Development

- Consulted with the State of Illinois and Vancouver, BC about their programs and processes.
 - Both provided guidance and their applications - Illinois is sending updates on issues they are experiencing.
- Developed an application that covers goals, eligibility, mandatory requirements, planning criteria, a project scope, funding requests, charging unit specifications, documentation and funding availability.
- Working with FEVER partners, CEO, CDOT and CDPHE on this effort.

Goals

- Incentivize the change out of petroleum operated vehicles in area public fleets by funding vehicle and infrastructure costs;
- Promote the transformation of the region's transportation system by incentivizing the development of geographically dispersed EVSE charging infrastructure;
- Reduce harmful air pollutants;
- Reduce climate changing emissions;
- Promote energy security by reducing petroleum usage and implementing clean, reliable alternative transportation;
- Encourage technological innovation;
- Advance fleet sustainability; and
- Promote greening government initiatives.

Eligibility

- Eligible Electric Vehicle (BEV/PHEV) applicants: Those organizations not eligible for the state tax credit - local governments, school districts, state/federal agencies, non-profit educational institutions and other non-profit agencies.
 - Only electric highway eligible vehicles (no golf carts, scooters, etc).
- EVSE Applicants: Includes above and apartment complexes and businesses that own multi-vehicle parking facilities.
- Funding is for Level II and Level III/DC fast charging infrastructure (not level I).

Requirements

- Applications open December 14, 2012.
- No projects implemented prior to February 28, 2012 will be eligible for funding.
- RAQC EV/EVSE projects must be in the 7 county Denver area.
- CEO funding is for areas not included in the RAQC area.
- All EVSE must be installed by a licensed electrician and comply with all applicable laws and regulations.
- The applicant must provide a minimum of 20% in-kind EV/EVSE funding or cash matching funds.

Planning

- We will have a section to determine the level of planning organizations have for EV/EVSE deployment:
 - Fleet implementation/management plans, smart charging plans, etc.
 - Will the EVSE be open to the public?
 - Goal is to fund public EVSE but we will fund ‘behind the fence’ EVSE.
 - Are you charging for the EVSE and how will transactions be handled.

Funding

- CEO has \$40K for EVSE outside the Denver metro area.
- For RAQC currently has \$205K available for EVSE inside the Denver metro area.
 - RAQC will fund 80% of the unit, labor and construction up to \$6,260
- RAQC currently has \$730K available for EV (BEV/PHEV)
 - RAQC will fund 80% of the EV per the Department of Revenue's 'FYI Income 67 Innovative Motor Vehicle Credit' Program
 - DOR has determined the incremental price differential between an electric vehicle and the comparable gasoline/diesel vehicle
 - For example 2012 Chevy Volt incremental price differential at \$11,720. RAQC will assist with \$8,260 of this.

Outreach

- Announced funding at our Advanced Fleet Technology Forum on November 14th to over 50 fleets.
- We will email announcements to RAQC and other partner email lists.
- Will work with FEVER group to reach those partners that are ready to implement EV/EVSE.
- Work with CADA and other industry stakeholders in the future.

Application Process & Timing

- Our first round of applications will be accepted until February 28, 2013 with more rounds after that until funds are expended.
- Projects will be periodically reviewed to ensure they are on schedule and address any delays encountered by applicants.
- Based on feedback we will continuously work improving our process and educating project applicants through workshops.

Questions?