

An Overview of the Clean Vehicles & Clean School Bus Application Process

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Presentation Roadmap

- Approval Process
- Eligibility & Required Information
- Funding Types
- Evaluation Criteria & Guidelines

Approval Process

- Application Analysis: Eligibility
- Award Estimate Confirmation, Approval to Proceed
- CMAQ: H-GAC Board Approval
- SEPs & donations: AERCO Board Approval
- Contract Initiation
(Contract drafted, circulated for signatures)
- Notice to Proceed
- Whole Approval Process ~3 months

Eligibility & Required Information

- Eligible organizations
 - Located within 8-county non-attainment area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, Waller)
 - Public or private fleets (Clean Vehicles), School district bus fleets (Clean School Bus)
- Eligible projects
 - Retrofits
 - Repowers/Replacements
 - Publicly Accessible Infrastructure

Eligibility & Required Information, Continued

- Projects must operate for at least 5 years following completion
- Retrofits
 - Must be EPA- or CARB-certified
- Repowers/Replacements
 - Must meet most stringent current standards
 - For heavy-duty diesel, ~1.2 g/bhp-hr NOx rating
- Publicly Accessible Infrastructure
 - Must include commitment(s) from fleets to utilize

Eligibility & Required Information, Continued

- Application Forms
 - Organization & project info
 - Current and proposed engine and/or retrofit information
 - Infrastructure information (if infrastructure project)
 - Fleet survey!!!

- Necessary Documentation for Application
 - Vehicle Operating Procedures
 - Auto Insurance/ Liability
 - Workplace Drug Policy
 - Proof of Financial Solvency

Funding Types

- CMAQ (Congestion Mitigation/Air Quality)
 - Federal funds passed through to states and area metropolitan planning organizations in nonattainment areas (such as H-GAC)
 - Minimum 12,000 miles/year
 - Only funds engines/retrofits, not vehicles
 - Can fund up to 75% of project cost
- SEPs (Supplemental Environmental Projects)
 - State and/or federal environmental fines
 - Typically benefits projects in same county as violation occurred
 - Dedicated to Clean School Bus at this time
 - Minimum 2,500 miles/year
 - Can fund up to 100% of project cost

Funding Types, Continued

- AERCO donations
 - AERCO 501C3 non-profit donations
 - Earmarked for Clean School Bus
 - Minimum 2,500 miles/year
 - Can fund up to 100% of project cost

- Special Projects
 - Periodic RFPs through EPA, TCEQ, other agencies
 - Public-Private partnerships for implementation and/or R&D
 - Let us know what you'd be interested in! If an opportunity comes up, we'll contact you.

Evaluation Criteria & Guidelines

- CMAQ funds:
 - Exclusively NOx-based
 - \$70,000/ton NOx per year reduced (private)
 - \$150,000/ton NOx per year reduced (public)
- SEPs & donations:
 - No set capital cost-effectiveness requirement
 - Highest emission reductions (NOx, PM emphasis) will receive priority for funding

Evaluation Criteria & Guidelines

- Programs are meant to:
 - accelerate deployment of cleaner technologies
 - NOT to fund normal maintenance/turnover