2005 Diesel Related Grants and Funding Opportunities

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Truck Engine Idle Reduction Technology Demonstration Program

- EPA recently announced a $5,000,000 grant program to evaluate idle reduction technologies to achieve emission reductions and energy savings from the transportation sector.
- Three categories:
  - (1) Small Trucking Company Grant Program (~$500K);
  - (2) Truck OEM/Fleet/Technology Vendor Grant Program (~$1M);
  - (3) Ports, Borders, Terminals and Truck Stop Grant Program (~$3.5M).
- Proposals will be accepted from States, Tribes, public and private universities and colleges, hospitals, laboratories, and other public or private nonprofit institutions.
- Cost-sharing not required but will make an application more competitive.
- Informal notice of “Intent to Apply” due May 6, 2005.
- Applications due June 6, 2005.
Truck Engine Idle Reduction Technology Demonstration Program

Small Trucking Company Grant Program (~500K)
- Fewer than 50 vehicles
- Proposals to demonstrate effectiveness of
  • Mobile technology
  • Commercially available

Truck OEM/Fleet Technology Vendor Program (~1 M)
- Design an installation kit at the truck OEM level
- Evaluate performance
  • fuel use, maintenance costs, pay-back time, user reaction
- Develop a case study

EPA interested in working with companies in the SmartWay Transport Program
Truck Engine Idle Reduction Technology Demonstration Program

Ports, Borders, Terminals and Truck Stop Grant Program (~ $3.5 M)

– National Transportation Idle Free Corridor
  • Evaluate locations for idle reduction technology
  • Install the technology
  • Build on existing stationary idle reduction areas

– Projects to alleviate creep idling at ports, borders and large company terminals
  • Partnership projects with stationary technology vendors and port terminal owners
National Clean Diesel Campaign Demonstration Assistance Agreements

- EPA recently announced a $800,000 grant program for projects that demonstrate the applicability and feasibility of implementation of EPA and/or California Air Resources Board verified (or certified) pollution reduction retrofit technologies in nonroad vehicles and equipment such as those used in construction or port-related activities.
- Applications will be accepted from state, local, multi-state, and tribal agencies, and other non-profit organizations.
- Cost-sharing not required but will make an application more competitive.
- EPA anticipates award of eight to twelve cooperative agreements, each ranging from $50,000 to $150,000.
- Informal notice of “Intent to Apply” due May 27, 2005.
- Complete applications due July 1, 2005.
Eligible projects

- **Retrofits**
  - Diesel particulate matter filters, diesel oxidation catalysts, crankcase controls
  - Must use EPA verified or CARB certified technology

- **Engine repower or upgrade**
  - Can be combined with verified emission controls

- **Cleaner fuels**
  - ULSD, biodiesel, CNG, LNG, propane, emulsified diesel

- **Subgrant program**
  - Can involve public and private fleets
National Clean Diesel Campaign Demonstration Assistance Agreements

Approaches

– Innovative application of verified technology
  • Innovative use of those technologies in non-verified applications

– Partnership projects
  • Port authorities, terminal operators, fleet managers, construction companies

– Potential for widespread adoption
  • An application with the potential to be more widely used

– As a component of other air pollution reduction strategies
  • EMS, community air toxics/air pollution reduction program, anti-idling programs etc.
EPA will soon be announcing a $7.5 million cost-shared grant program to school districts to upgrade their diesel fleets.

Applications will be accepted only from school districts – a change from previous years.

Complete applications expected to be due July 1, 2005.
Other Sources of Funding

US Department of Energy

- State Energy Program
  - Funds projects in 17 categories, including
    - School buses
    - Idle reduction technologies
  - Annual solicitation

US Department of Transportation

- Congestion Mitigation/Air Quality (CMAQ)
  - Funding for diesel retrofits
    - Transit buses, school buses, and trucks
    - Located within, or in close proximity to, nonattainment area
    - Achieve emission reductions within nonattainment area
  - Success in New England
    - Transit buses in Stamford
    - Rhode Island Public Transit Authority Buses