Grant Opportunities for Vehicle-based Projects in the Bay Area

East Bay Clean the Cities Coalition Grants Workshop
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Bay Area Air Quality Management District (BAAQMD)

- Established in 1955
- 9 Counties
- 7 million population
- 5,340 square miles
- Mission: To protect and improve public health, air quality, and the global climate
Cleaner Vehicles Key to Cleaner Air

1955

• 3 million people
• 1.7 million cars
• 35 million vehicle miles driven daily
• Internal Combustion Engine (ICE) - gasoline and diesel with no emissions controls

2006

• 6.7 million people
• 5.1 million cars
• 155 million vehicle miles driven daily
• Significant improvement in ICE; **Further improvements are possible and necessary**
BAAQMD Incentive Funding
Strategic Incentives Division (SID)

SID funds projects to achieve early-compliance emissions reductions

• Nitrogen oxides, ozone precursors, particulate matter (PM) and greenhouse gas (GHG) emissions

• Approximately $80 million to be allocated in Fiscal Year 2010/2011
BAAQMD
Grants and Incentives

- Carl Moyer Program (CMP): $19
- Shore-Power Program (MSIF): $5
- Goods Movement Program (GMP):
  - Shore-Power Program $20
  - On-Road Truck Program $8
- Lower Emission School Bus Program: $9
- Transportation Fund for Clean Air (TFCA):
  - Regional Fund $11
  - County Program Manager Fund $10

Approximately $80 million to be allocated in Fiscal Year 2010/2011
CMP & MSIF

• **Carl Moyer Program (CMP)**
  – Created in 1998 to reduce emissions from heavy-duty engines
  – Voluntary program that funds surplus emission reductions
  – Jointly administered by CARB and local Air Districts

• **Mobile Source Incentive Fund (MSIF)**
  – AB 923 allowed for additional $2 motor vehicle registration fee surcharge (12/04)
  – Examples of eligible project types:
    • Eligible CMP projects
    • Purchase of new school buses
    • Vehicle scrap program
    • Agricultural assistance program
    • Shore Power
• Carl Moyer Program (CMP) - Year 12:
  – ACCEPTING APPLICATIONS – 1st come 1st served
  – $19 million available for Carl Moyer type projects (heavy-duty diesel equipment):
    • Marine,
    • On-road/Off-road
    • Agriculture
    • Locomotive

• CMP - Year 13: Scheduled to open Spring of 2011
• On-line application system: www.baaqmd.gov/moyer
• Mobile Source Incentive Fund (MSIF):
  – ACCEPTING APPLICATIONS – closes 11/19/2010
  – $5 million available for Shore-Power Projects
TFCA

- **Transportation Fund for Clean Air (TFCA):**
  - Established in 1991 to reduce on-road mobile source emissions
  - $4 motor vehicle registration surcharge fee generates approximately $21 million annually
- **60% of funds** awarded on a competitive basis through the District’s **Regional Fund Program**
- **40% of funds** pass-through to nine Congestion Management Agencies and distributed through County Program Manager Fund Program
• Transportation Fund for Clean Air (TFCA):
  – $4 million for Shuttle and Ridesharing Projects
  – $2.5 million for Electric Vehicle Infrastructure
  – $0.6 million for Bicycle Facility Projects
  – Up to $2.5 million available for additional allocation in FY 10/11 cycle. Potential projects include:
    • Advanced Technology Vehicle-based Projects
    • Alternative Fuel Vehicle and Infrastructure Projects
BAAQMD Alternative Fuels and Infrastructure Program:

- On August 4, 2010, BAAQMD Board of Directors allocated $5 Million to support EV infrastructure projects over next 2 years
- Additional programs to support Alternative Fuels and Advanced Technology Demonstration projects currently under development
- Comments on policies welcome
Focus on EV
FY 09/10:

• $1.3 million
• 78 locations/parking areas
• Installations to be completed by December 2011
  – 402 level II Charge points
  – 6 DC Fast Chargers
  – One battery swap station
Phase 1: Completed by Spring 2011:

- **Identify best practices** to streamline EV charging permitting processes
- **Conduct workshops to share permitting tools and resources** (i.e., guidelines, checklists, best practices) with local government permitting agencies
  
  **www.BAAQMD.gov/EV**

- **Conduct regional strategic planning process:**
  - Assess Bay Area’s readiness to support EVs and necessity to deploy additional public chargers
  - Develop criteria to inform future funding priorities (i.e., home, workplace, commercial, corridor)
Ongoing Focus on EV: Electric Vehicle Charging Infrastructure Deployment Program

Phase 2: BAAQMD to invest $5 Million by 2013

- Home Chargers for single & multi-family
- Public Chargers for high-density parking
- “Fast Chargers” in 10-mile intervals in close proximity to major roadways
Questions?
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SID Website: