



BAY AREA
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DISTRICT

Grant Opportunities for Vehicle-based Projects in the Bay Area

East Bay Clean the Cities Coalition Grants Workshop

Tuesday, November 2, 2010

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Bay Area Air Quality Management District

Bay Area Air Quality Management District (BAAQMD)

NINE COUNTY JURISDICTION OF THE 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



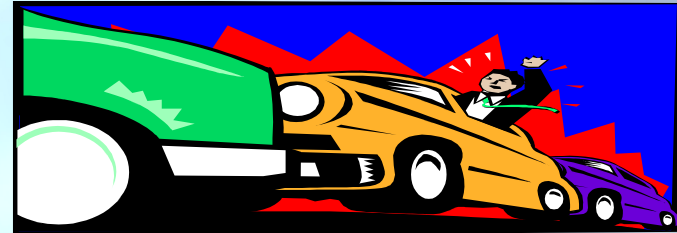
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Cleaner Vehicles Key to Cleaner Air



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**
 - Applications available at:
<http://www.baaqmd.gov/Divisions/Strategic-Incentives/Marine/Shore-Power.aspx>



- **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**



TFCA FY 10/11

- **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:

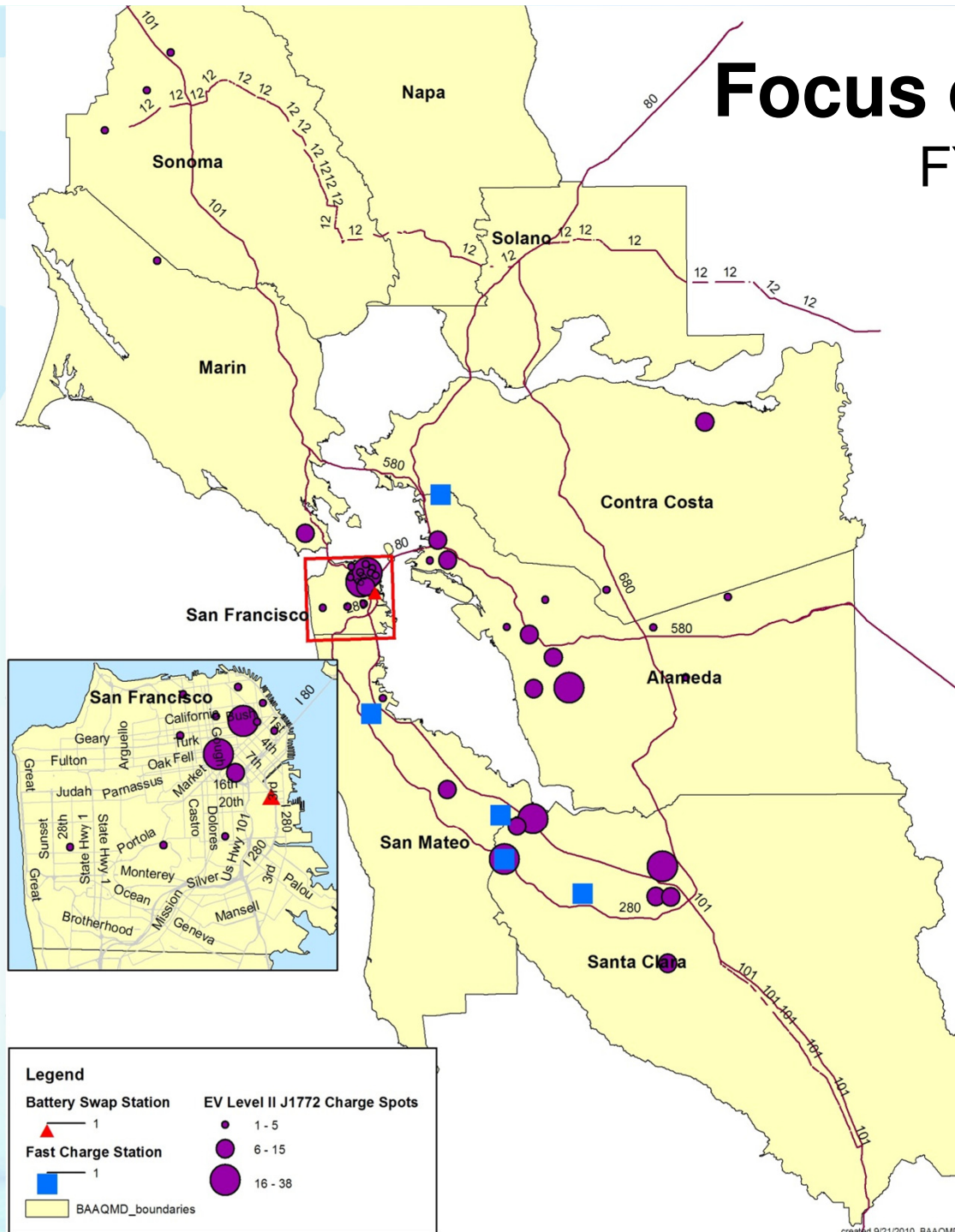
- On August 4, 2010, BAAQMD Board of Directors allocated \$5 Million to support EV infrastructure projects over next 2 years
- Additional programs to support Alternative Fuels and Advanced Technology Demonstration projects currently under development
- Comments on policies welcome



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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



Ongoing Focus on EV: Regional Strategic Plan and Streamlined Permitting

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)



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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



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Questions?





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SID Website:

<http://www.baaqmd.gov/Divisions/Strategic-Incentives.aspx>