

# Carl Moyer Program & AQMD Funding for Low-Emission Off-Road Equipment

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## SB1107

- New vehicles are subject to \$12/yr smog abatement fee for 6-year exemption
- \$6/vehicle of the fee totaling \$61M/yr. statewide is deposited in Air Pollution Control Fund
- Funds are used for implementation of the Carl Moyer Program
- AQMD to receives 43.6% of the funds

## **AB923**

### **(Tire Fee Provision)**

- Increases tire fee from \$1 to \$1.75 for 2005 & 2006 and to \$1.50 from 2007 to 2015
- Generates \$25M/yr in 2005-06 and \$16M/yr from 2007 statewide
- Funds are used for projects to mitigate pollution from tire wear

## **AB923**

### **(DMV Surcharge Provision)**

- Allows air districts in non-attainment areas to adopt a \$2 surcharge on vehicle registration fees
- AQMD's Board adopted this provision at its December 3, 2004 meeting
- Generates approximately \$22 million/yr locally

## Carl Moyer Program under SB1107

- New Carl Moyer Program is expanded to include:
  - HD on- and off-road categories
  - Fleet modernization
  - Agricultural sources
  - Light-duty vehicle repair and scrapping

## Project Types under AB923 \$2 DMV Fee

- Funds can be used for any combination of:
  - Carl Moyer (on- & off-road vehicles)
  - School Bus
  - Light-duty programs
  - Agricultural sources
- State will accept funds expended on Carl Moyer as AQMD's required local match

# Equipment\*

- Marine Vessel Engines
- Locomotives (LNG and Hybrid)
- Construction Equipment
- Heavy-Duty Trucks (new & retrofits)
- Forklifts
- Auxiliary Engines
- Truck Stop Electrification
- Transit Buses
- School Buses



\* Listed by cost-effectiveness

## AQMD's Share of Funds

	<u>Annual</u>
SB1107	\$23.8M
\$2 DMV Fee	\$22M
Tire Fee	\$10M
Total	\$55.8M

## Program Highlights

- CARB adopted new program guidelines on November 17, 2005
- NOx, PM, & HC reductions are included in the new program
- Cost effectiveness is calculated for NOx, PM, & HC combined at \$14,300/ton limit
- PM is multiplied by a factor of 20 in the cost-effectiveness calculations

## AQMD's Evaluation Criteria

- Based on Board's adopted guidelines on July 8, 2005:
  - Goods Movement (40%)
  - Environmental Justice (50%)
  - Cost-Effectiveness
  - Low Emission Engine/Vehicle Preference
  - Early Commercialization of Advanced Tech.
  - Fleet Rules
  - School Buses

## Year 7 Carl Moyer Program Update

- Issued RFP #2006-01 on July 8, 2005 for \$18.6M with \$11.9M in SB1107 funds and \$6.7M in AB923 funds
- Proposal submittal due date: Sept. 30, 2005
- A total of 72 proposals were received requesting \$52 million in funding

## Year 7 Carl Moyer Program Update

- Board to consider approval of awards for a total of \$19.6 million on February 3, 2006
- Funding distribution:
  - On-Road: \$ 7.1 million
  - Off-Road: \$12.5 million
- Total emissions reductions:
  - NOx + ROG: 792 tons/yr
  - PM: 24 tons/yr

## Equipment Categories

- On-Road:
  - H.D. Trucks (alt. fuel)
  - Transit Buses (alt. fuel)
  - Diesel Retrofits
- Off-Road:
  - Construction
  - Locomotives
  - Forklifts
  - Marine
  - Agricultural Engines

## Year 8 Carl Moyer Program Update

- Board to consider the issuance of the Year 8 RFP #P2006-15 on February 3, 2006
- Proposed available funding:       \$30.1 million
- Proposal submittal due date:       May 5, 2006

## Proposed Funding Distribution

	<u>Equip. Category</u>	<u>Funding</u>
• <b>On-Road:</b>	H.D. Trucks	\$5.0M
	Transit Buses	\$2.5M
	Diesel Retrofits	\$2.5M
• <b>Off-Road:</b>	Marine	\$2.7M
	Construction/Other Off-Road	\$8.0M
	Forklifts	\$1.0M
	Locomotives	\$3.0M
	Agricultural Engines	\$3.9M
	GSE, TSE, APU	\$1.5M

## Workshops Schedule

- **General Workshops**
  - February 16, 2006, & March 16, 2006, at 10:00 a.m.  
AQMD Headquarter, Room GB
  - March 23, 2006, at 1:30 p.m.  
Riverside County Flood Control & Water Consvr. District
- **Marine/Cargo Handling/On-Road Workshop**
  - March 14, 2006, at 10:00 a.m.  
Port of Los Angeles, Administrative Board Room
- **Agricultural Engines Workshop**
  - February 23, 2006, at 1:30 p.m.  
Riverside County Farm Bureau