

Carl Moyer Program

2008 Multidistrict Solicitation

Public Workshop

Sacramento, California and Webcast

March 5, 2008



Workshop Agenda

- I. Carl Moyer Program Background
- II. Eligible Source Categories
- III. Moyer and 1B Bond Interaction
- IV. Moyer and SOON Interaction
- V. Multidistrict Timeline
- VI. Application Process



I. Carl Moyer Program Background

- Established by the Health and Safety Code
- Incremental cost of cleaner than required technology
- Early or extra emission reductions



Multidistrict

- Health and Safety Code
 - Allows ARB to reserve up to 10% of Carl Moyer funding for Multidistrict projects



Multidistrict Cont.

- \$8,640,000 available for 2008 Multidistrict projects
 - 50% (\$4,320,000) for projects that impact environmental justice areas
 - 50% (\$4,320,000) for all other eligible Multidistrict projects
- ARB will work with local air districts to determine if a project impacts environmental justice areas

Multidistrict Cont.

- Multidistrict:
 - Operate in more than one air district
 - Impact air quality in more than one air district
- 2008 Multidistrict Solicitation is subject to:
 - 2008 Carl Moyer Program Guidelines
 - Subject to change pending Board approval on March 27, 2008
 - All Current Carl Moyer Program Advisories

II. Eligible Source Categories

- Marine
- Locomotives
- Off-road
- On-road
- On-Road Fleet Modernization
- Transport refrigeration units (TRU)
- Auxiliary Power Units (APU) and other Idle Reduction Technologies

III. Moyer and 1B Bond Interaction

- Some projects are no longer available for funding due to the adoption of new regulations and the availability of 1B Bond funding

- Projects no longer eligible for the Carl Moyer Program:
 - Port Trucks
 - Cargo Terminal Shore Power Projects
 - Class 1 Locomotive Projects

- 1B Bond funds are available for these projects

Moyer and 1B Bond Interaction Cont.

- Projects eligible for the Goods Movement Emission Reduction Program are encouraged to apply for 1B Bond funding
- For more information on the 1B Bond:
<http://www.arb.ca.gov/bonds/gmbond/gmbond.htm>

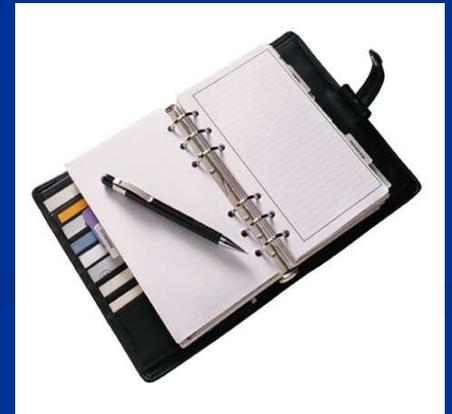
IV. Moyer and SOON Interaction

- Surplus Off-road Opt-in for NO_x (SOON)

- Program Criteria:
 - Fleet has greater than 20,000 HP statewide
 - Fleet consists of more than 40% Tier 0 and Tier 1 vehicles as of January 1, 2008
 - At least one vehicle operates the majority of the time in a participating district

V. Multidistrict Timeline

- Southern California workshop – TBA
- Application deadline April 11, 2008
- Final project selection June 6, 2008
- Notification of Project Status June 2008



VI. Application Process

- Applications with original signature must be physically received by ARB **no later than 5:00pm April 11, 2008**
- One original plus two copies of the application are required for submittal
- Owner of the engine/equipment must sign and agree to the application

Application Process Cont.

- Late applications will not be accepted
- E-mailed/faxed applications will not be accepted
- Stapled applications packets only
- No binders or other binding material

Scoring Criteria

- Cost-Effectiveness
 - \$16,000 cap
 - 70% of total score
- Project Implementation Plan
 - 10% of total score
- Need for Multidistrict Funding
 - Operate in 3 or more air districts
 - 5% of total score

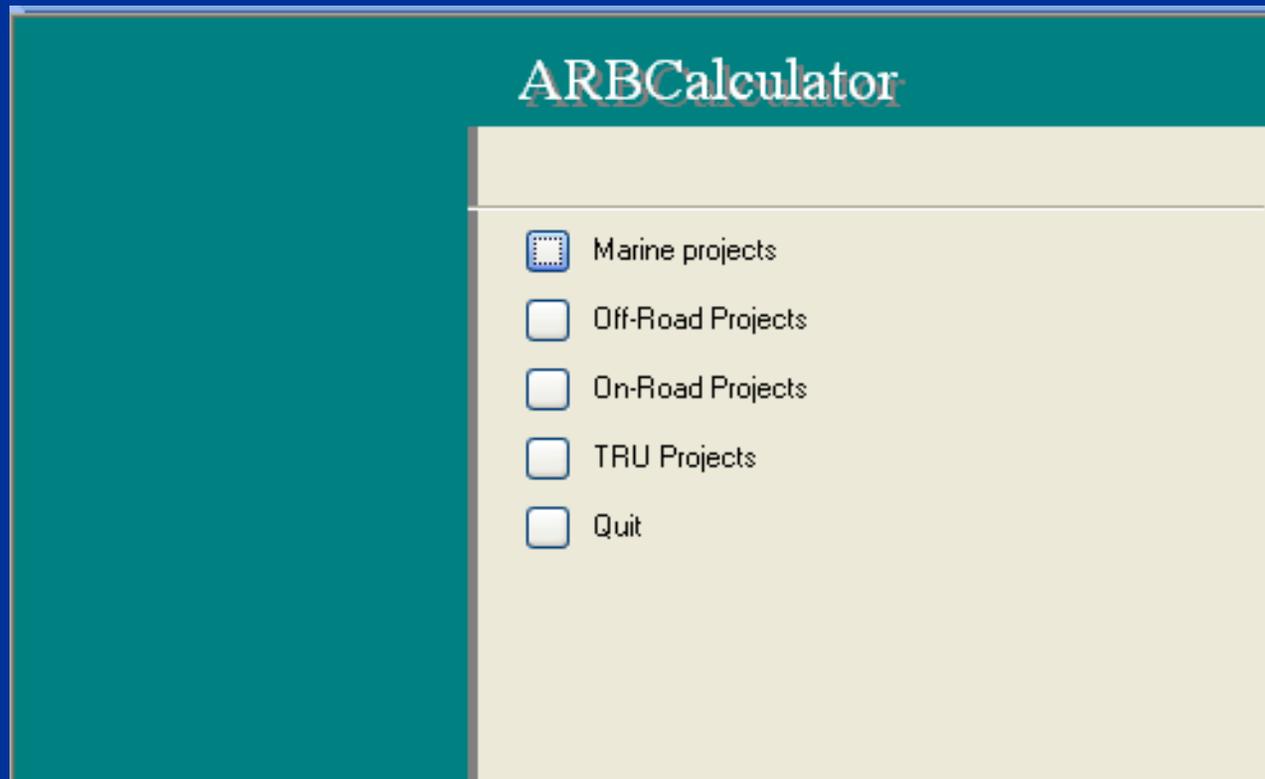
Scoring Criteria Cont.

- Small Business Projects
 - 5% of total score
- SOON-Type Projects
 - 5% of total score
- Application Completeness
 - 5% of total score

Downloadable Electronic Calculator

- Available online March 7, 2007

<http://www.arb.ca.gov/msprog/moyer/multidistrict.htm>



Downloadable Electronic Calculator Cont.

Off-Road Calculator

Project type:

Baseline Technology

Fill in shaded areas

Company name/ Organization name/ Individual name:

Will the vessel engine have a functioning hour meter for the full project life?

Year

Engine Type

Tier:

Exact horsepower:

Category

Equipment

Existing cost of Rebuild

NOx Reduction Level

- 15%
- 25%
- None

Emission Reductions

NOx	Baseline	<input type="text"/>
ROG	Baseline	<input type="text"/>
PM10	Baseline	<input type="text"/>

Annual Surplus Emission Reductions by pollutants for Retrofits (ton/yr)

NOx Emission Benefit

Questions?

