

# Goods Movement Emission Reduction Program

**South Coast Air Quality Management District**

**2007-2008**

**Trade Corridor: Los Angeles/Inland Empire**

**Other Heavy-Duty Diesel Trucks**

## South Coast Air Quality Management District

<p><b>South Coast Air Quality Management District</b>  <b>21865 Copley Drive</b></p> <p><b>Diamond Bar</b>  <b>CA</b>  <b>91765-4178</b></p> <p><b>Tel: 909-396-2100</b>  <b>Fax: 909-396-3340</b></p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Governing Board, Counsel or Commission:</td> <td style="width: 30%;">Yes</td> </tr> <tr> <td>Agency Type:</td> <td>Air District</td> </tr> <tr> <td>Agency Service Population:</td> <td>16,600,000</td> </tr> </table>	Governing Board, Counsel or Commission:	Yes	Agency Type:	Air District	Agency Service Population:	16,600,000
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### Contact Informaton

<u>Contact</u>	<u>Name</u>	<u>Phone</u>	<u>Email</u>
<b><u>Source Category Contacts</u></b>			
Other Heavy-Duty Diesel Trucks	Fred Minassian	909-396-2641	fminassian@aqmd.gov
Trucks Serving Port and Intermodal Rail Yards	Fred Minassian	909-396-2641	fminassian@aqmd.gov
Locomotives	Fred Minassian	909-396-2641	fminassian@aqmd.gov
Harbor Craft	Fred Minassian	909-396-2641	fminassian@aqmd.gov
Shore Power	Fred Minassian	909-396-2641	fminassian@aqmd.gov

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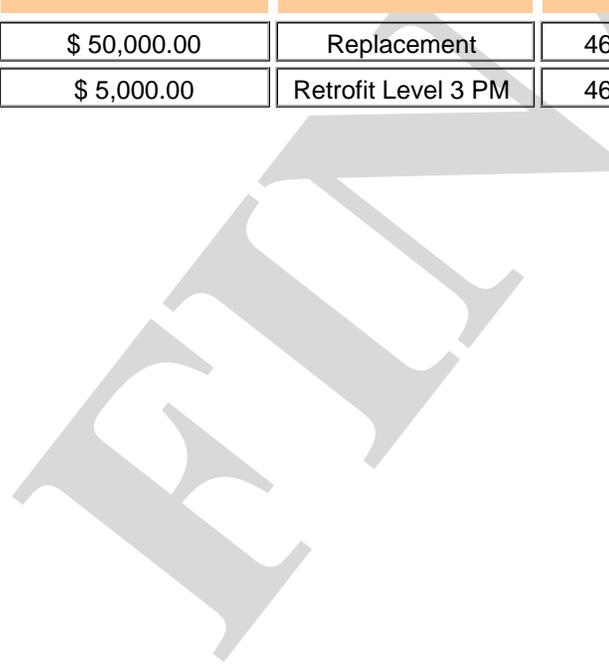
**Other Heavy-Duty Diesel Trucks**

## Local Agency Project Details

The tables below detail your funding sources as well as the emission reductions achieved for implementing this local agency proposal.

### Other Trucks

Number of Trucks	Amount of Bond Funding per Truck	Equipment Project Option	Annual VMT per Truck <i>(miles)</i>	Engine Model Year		Fuel Type		Emission Reductions over Project Life		Project Life <i>(years)</i>
				Old	New	Old	New	Nox <i>(lbs)</i>	PM <i>(lbs)</i>	
1,600	\$ 50,000.00	Replacement	46,085.00	1996	2008	Diesel	Diesel	24,442,848.000	955,456.000	8
1,000	\$ 5,000.00	Retrofit Level 3 PM	46,085.00	1996		Diesel	Diesel	0.000	273,071.000	4



# Truck Stops

Number of Truck Stops

Bond Funding per Truck Stop

Supporting Documentation

## Distribution Centers

Number of Distribution Centers

Bond Funding per Distribution  
Center

Supporting Documentation

<b>Equipment Project Option</b>	<b>Sum of NO<sub>x</sub> Benefits (lbs)</b>	<b>Sum of PM Benefits (lbs)</b>	<b>Cost Effectiveness (lb/State \$)</b>
Replacement	24,442,848.000	955,456.000	0.518
Retrofit Level 3 PM	0.000	273,071.000	1.040
Repower	0.000	0.000	0.000
Retrofit Level 3 PM + Level 1 Nox	0.000	0.000	0.000
Truck Stop Electrification	0.000	0.000	0.000
Distribution Center Electrification	0.000	0.000	0.000
3-Way Truck	0.000	0.000	0.000
<b>Overall Project Emission Reductions</b>	<b>24,442,848.000</b>	<b>1,228,527.000</b>	<b>0.549</b>

**Bond Funding**

<b>Bond project dollars requested plus any administrative dollars</b>	<b>Administrative Cost Details</b>
\$ 89,250,000.00	5% admin cost, as calculated below, is added to the total requested funding amount of \$85,000,000: \$85,000,000 * 5% Admin Cost = \$4,250,000

**Summary Table**

Total amount of Bond Project dollars for Replacement	\$ 80,000,000.00
Total amount of Bond Project dollars for Retrofit Level 3 PM	\$ 5,000,000.00

**Total Funding Amount for Proposal (All Bond plus Non-Bond)**

Total Funding Amount for Proposal (Bond + Non-Bond)	\$ 222,250,000.00
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**Non-Bond Funding Summary Table**

Fund Type	Fund Source Name	Amount	Date Funds Available	Describe conditions or additional requirements associated with these non-bond funds
Private	Fleet Owners - Replacements	\$ 128,000,000.00	9/1/2008	Fleet Owners will provide necessary matching funds, estimated at \$80,000 per truck in replacing old trucks.
Private	Fleet Owners - Retrofit	\$ 5,000,000.00	9/1/2008	Fleet Owners will provide matching funds in retrofitting old trucks with PM traps, estimated to be \$5,000 per truck.

## Proposal Narrative

### Attachment(s)

[1.1\\_SCAQMD\\_Prop 1B Other HD Trucks.doc](#)

[2.1 Questions and Clarifications to Application.2.zip](#)