

# Goods Movement Emission Reduction Program

**Sacramento Metropolitan Air Quality Management District**

**2007-2008**

**Trade Corridor: Central Valley**

**Locomotives**

## Sacramento Metropolitan Air Quality Management District

<p><b>Sacramento Metropolitan Air Quality Management District</b>  <b>777 12th St, 3rd Floor</b></p> <p><b>Sacramento</b>  <b>CA</b>  <b>95814</b></p> <p><b>Tel: 916-874-4800</b>  <b>Fax: 916-874-4899</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>2,300,000</td> </tr> </table>	Governing Board, Counsel or Commission:	Yes	Agency Type:	Air District	Agency Service Population:	2,300,000
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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	Michael Neuenburg	916-874-1676	mneuenburg@airquality.org
Locomotives	Michael Neuenburg	916-874-1676	mneuenburg@airquality.org
Trucks Serving Port and Intermodal Rail Yards	Michael Neuenburg	916-874-1676	mneuenburg@airquality.org
Harbor Craft	Michael Neuenburg	916-874-1676	mneuenburg@airquality.org
Shore Power	Michael Neuenburg	916-874-1676	mneuenburg@airquality.org

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## Local Agency Project Details

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

### Locomotive

Type of Equipment	Pieces of Equipment		Bond Funding per unit	Current Emissions Control	Fuel Type	Activity Level	Replacement Option	Emission Reductions over Project Life		Project Life
	Old	New						Nox (lbs)	PM (lbs)	
Line Haul	10	10	\$ 1,000,000.00	Tier 0	Diesel	100,000	Replace With Tier 2	274,890.000	27,488.000	15



<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>
Switcher	0.000	0.000	0.000
Line Haul	2,748,900.000	274,880.000	0.801
<b>Overall Project Emission Reductions</b>	<b>2,748,900.000</b>	<b>274,880.000</b>	<b>0.801</b>

**Bond Funding**

<b>Bond project dollars requested plus any administrative dollars</b>	<b>Administrative Cost Details</b>
\$ 10,300,000.00	\$10,000,000 in Bond funding towards Option (2) Line Haul Locomotives used for locomotive replacement, plus \$300,000 (3%) in administration funding, totaling \$10,300,000.

**Summary Table**

Total amount of Bond Project dollars for Line Haul	\$ 10,000,000.00
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**Total Funding Amount for Proposal (All Bond plus Non-Bond)**

Total Funding Amount for Proposal (Bond + Non-Bond)	\$ 20,300,000.00
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**Non-Bond Funding Summary Table**

<b>Fund Type</b>	<b>Fund Source Name</b>	<b>Amount</b>	<b>Date Funds Available</b>	<b>Describe conditions or additional requirements associated with these non-bond funds</b>
Private	Applicant Cost Share	\$ 10,000,000.00	3/24/2008	The Union Pacific Railroad has committed to apply for 10 line haul locomotives under the Goods Movement Emission Reduction Plan contingent on the approval of the SMAQMD local agency application.

## Proposal Narrative

### Attachment(s)

[1\\_SMAQMD Locomotive Application.pdf](#)

[2.1 Prop 1B Applications--Follow up Request #1.1.pdf](#)

[2.2 Prop 1B Applications--Follow up Response #1.pdf](#)

[2.3 Staff Resources GMERP Applications Follow-up Request.doc](#)