

Goods Movement Emission Reduction Program

San Diego Air Pollution Control District
Trade Corridor: San Diego/Border Region

2007-2008

**Trucks Serving Port and Intermodal Rail
 Yards**

San Diego Air Pollution Control District

<p>San Diego Air Pollution Control District 10124 Old Grove Road</p> <p>San Diego CA 92131</p> <p>Tel: 858-586-2600 Fax: 858-586-2601</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>3,098,269</td> </tr> </table>	Governing Board, Counsel or Commission:	Yes	Agency Type:	Air District	Agency Service Population:	3,098,269
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Contact Informaton

<u>Contact</u>	<u>Name</u>	<u>Phone</u>	<u>Email</u>
Source Category Contacts			
Trucks Serving Port and Intermodal Rail Yards	Chuck Spagnola	858-586-2643	Chuck.Spagnola@sdcounty.ca.gov
Other Heavy-Duty Diesel Trucks	Chuck Spagnola	858-586-2643	Chuck.Spagnola@sdcounty.ca.gov
Locomotives	Chuck Spagnola	858-586-2643	Chuck.Spagnola@sdcounty.ca.gov
Harbor Craft	Chuck Spagnola	858-586-2643	Chuck.Spagnola@sdcounty.ca.gov
Shore Power	Chuck Spagnola	858-586-2643	Chuck.Spagnola@sdcounty.ca.gov

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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.

Trucks Serving Port and Intermodal Rail Yards

Trucks Serving Port and Intermodal Rail Yards

Number of Trucks	Amount of Bond Funding per Truck	Equipment Project Option	Engine Model Year		Fuel Type		Emission Reductions over Project Life		Annual VMT per Truck	Project Life (years)
			Old	New	Old	New	Nox(lb)	PM(lb)		
40	\$ 50,000.00	Replacement	1999	2007	Diesel	Diesel	675,338.080	20,767.110	55,589.00	8
30	\$ 5,000.00	Retrofit Level 3 PM	1999		Diesel	Diesel	0.000	7,344.770	55,589.00	4
5	\$ 20,000.00	Repower	1999	2007	Diesel	Diesel	84,417.260	2,595.890	55,589.00	8



Equipment Project Option	Sum of NO _x Benefits (lbs)	Sum of PM Benefits (lbs)	Cost Effectiveness (lb/State \$)
Replacement	675,338.081	20,767.114	0.519
Repower	84,417.260	2,595.889	1.298
Retrofit Level 3 PM	0.000	7,344.170	0.933
Retrofit Level 3 PM + Level 1 Nox	0.000	0.000	0.000
Overall Project Emission Reductions	759,755.341	30,707.172	0.582

Bond Funding

Bond project dollars requested plus any administrative dollars	Administrative Cost Details
\$ 2,362,500.00	<p>\$2,100,000 for port truck replacement projects (\$2,000,000 for technology plus \$100,000 (5%) for program administration).</p> <p>\$262,500 for port truck retrofit projects (\$250,000 for technology plus \$12,500 (5%) for program administration).</p> <p>\$2,362,500 total funds requested for port truck projects (\$2,250,000 for technology plus \$112,500 (5%) for program administration).</p>

Summary Table

Total amount of Bond Project dollars for Replacement	\$ 2,000,000.00
Total amount of Bond Project dollars for Repower	\$ 100,000.00
Total amount of Bond Project dollars for Retrofit Level 3 PM	\$ 150,000.00

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

Total Funding Amount for Proposal (Bond + Non-Bond)	\$ 4,612,500.00
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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
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Local	Port of San Diego	\$ 1,400,000.00	9/1/2008	The Port of San Diego will provide match funding of up to \$50,000 toward the replacement of Port Trucks and up to \$5,000 toward the retrofit of Port Trucks. Trucks must make at least 150 port visits per year. Any costs that are above and beyond what is covered by the bond funding plus the Port match funding must be paid by the equipment owner.
Private	Owner & Financial Institution	\$ 850,000.00	11/20/2008	Private Funds will be committed at the time of project implementation.

Proposal Narrative

Attachment(s)

[1.1 Final PortTruck App SDAPCD .doc](#)

[1.2 Public outreach flyer revised \(4\).pdf](#)

[1.3 GMERP Public Mtg 3-27-08 Sign-In Sheet.pdf](#)

[2.1 Questions and Clarifications to Application.4.zip](#)

[3.1 Resolution.doc](#)