

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

This status report provides an update on implementation of the \$1 billion Proposition 1B: Goods Movement Emission Reduction Program (Program) to reduce emissions and health risk from freight operations in California's priority trade corridors through incentives. Consistent with State law, the Program Guidelines for Implementation (Guidelines) and related documents detail the grant requirements for the Air Resources Board (ARB or Board), participating local agencies, and equipment owners (see Program website at: <http://www.arb.ca.gov/gmbond>).

ARB adopts the Guidelines, and then solicits, awards, funds, and oversees grants to local agencies like air districts and seaports. The local agencies offer grants/contracts in a competitive process to diesel equipment owners to co-fund the upgrade of diesel equipment to cleaner technologies, ahead of or beyond any regulatory requirements to do so. To ensure accountability and effective use of these public funds, the local agencies: solicit for eligible projects, review applications, inspect the old equipment, provide data to competitively rank each piece of equipment based on emission reductions and cost-effectiveness, sign contracts with equipment owners, inspect the upgraded equipment, make payment for the cleaner technology, and track/report on funded projects.

The information in this report is based on the local agencies' semi-annual reports as of September 30, 2013. The tables following the narrative in this report describe the progress of each grant using the funds received from appropriations, including the grant award, the number of trucks or other equipment being upgraded, and estimated emission reductions.

### **Available Funding and Expenditures**

Each budget appropriation authorizes ARB to use a specific amount of funding for this Program, within statutory timeframes. However, the appropriation does not provide any cash for this purpose. Therefore, we depend on the receipt of proceeds from State bond sales or other mechanisms the fund new projects.

The entire \$1 billion has been appropriated in State budgets, with \$980 million to ARB for this Program and \$20 million set aside by the control agencies to cover bond issuance and oversight costs. ARB has allocated approximately \$740 million for local agency projects and ARB's administration costs over multiple years. A new appropriation will be needed for the remaining \$240 million, which reverted due to cash not being available.

ARB has received almost \$587 million in cash from multiple bond sales and commercial paper and has paid out \$577 million to local agencies and for ARB's administration costs through September 2013. ARB has access to commercial paper to close out the existing ships at berth and locomotive projects, provide funds for Fiscal Year (FY) 2013-14 projects, and cover administration costs. ARB will need to request the balance of the cash needed through the established Department of Finance process.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**Current Status and Implementation of FY2013-14 Funds**

On July 25, 2013, the Board awarded approximately \$150 million, of which \$143 million was allocated for truck projects throughout the State, including \$5.3 million for loan assistance. In addition, \$6 million was allocated towards a truck filter substrate replacement program and nearly \$1 million for harbor craft projects. ARB is in the process of executing grant agreements with the local agencies and will make initial payments to the local agencies in early January 2014. ARB will reallocate the \$5.3 million awarded for loan assistance to local agency truck projects for small fleets based on the significant demand for project funds.

Local agencies held solicitations for truck projects beginning August 2013 through early October 2013 and a subsequent backup truck solicitation prioritizing small fleets between early October 2013 and early December 2013 (2013 Truck Solicitations). Local agencies will competitively rank these projects, sign contracts with equipment owners, and complete these projects by the end of 2014.

**Implementation of FY2008-09 and FY2011-12 Funds**

In June 2010, the Board awarded \$200 million in available cash primarily for truck projects and ships at berth/cargo handling equipment projects, and with smaller grants for locomotive and harbor craft projects.

In December 2011, the Board awarded \$100.8 million from the Fall 2011 bond sale and also allocated potential proceeds from a Spring 2012 bond sale; all of these funds were used for truck projects. Proceeds from the Fall bond sale were used to fund drayage truck projects, loan guarantees, and other truck projects covered under grant agreements. ARB received approximately \$15 million to complete the truck projects from the Spring bond sale. The funds were allocated to local agencies for truck projects in accordance with the December 2011 Board approval. Additionally, \$6 million in ARB administration funds were reallocated to local agencies for truck projects.

**Trucks.** ARB signed grant agreements with six local agencies in the four trade corridors for the Phase 1 truck projects in early 2011, followed by the local agencies holding coordinated statewide solicitations. There was significant demand for Program funds and ARB received additional funds in late 2011, which were used to provide funds for Phase 2 truck projects that were awarded in December 2011. The local agencies will complete the truck projects by the end of 2013.

Also in December 2011, ARB set aside \$66.6 million for drayage trucks. These funds were reserved for applicants that were in compliance with the first phase of the Drayage Truck Regulation and chose to comply early with the second phase by January 1, 2013. Funds not used for drayage trucks were made available for (non-drayage) truck

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

projects. Local agencies requested that funds not utilized due to project fallout be made available to fund projects from the 2013 Truck Solicitations and ARB has approved these requests.

***Ships at Berth, Locomotives, and Commercial Harbor Craft.*** All the ships at berth projects have completed construction and demonstrated operation with ships plugging into the grid starting in January 2014. Six locomotives operating in the Los Angeles/Inland Empire trade corridor are anticipated to be operational in 2014. In addition, the commercial harbor craft project is now operational and the grant is completed.

### **Implementation of FY2007-08 Funds**

The first year (FY2007-08) funds of approximately \$246 million were used for projects to upgrade trucks, locomotives, and ships at berth. All of these projects were suspended for 6 to 14 months due to the December 2008 “stop work” order on bond funded programs, which resulted in an extended delay from time of application to contract. This led to some funds being unused by the local agencies. ARB and the local agencies amended grant agreements from undersubscribed grants to oversubscribed grants. The truck, ships at berth, and locomotive projects have been completed.

### **Project Results – All Fiscal Year Funds**

The Program bond monies are leveraging substantial match funding from private, local, and federal sources – more than one match dollar for every Program dollar invested.

***Trucks.*** The local agencies completed the truck projects from the FY2007-08 funds by the end of 2011 with more than 5,000 cleaner trucks operating in the four trade corridors. The local agencies are in the process of funding projects under the FY2008-09 and FY2011-12 grants. Over 4,000 trucks are operational and the majority of the remaining trucks are expected to be operational by the end of 2013.

***Ships at Berth, Locomotives, and Commercial Harbor Craft.*** The Bay Area District’s early grant project to install grid-based electrical power for three ship berths at the Port of Oakland was completed in 2011 and the installation of power at nine additional berths was recently completed. The South Coast District is implementing projects to install shore-side power for 25 berths at the Ports of Long Beach, Los Angeles, and Hueneme. All ships at berth projects in Southern California completed construction and preliminary testing in 2013.

The Sacramento and South Coast Districts have completed the upgrade of 19 locomotives operating in the Central Valley and the Los Angeles/Inland Empire trade corridors. In addition, the San Diego District’s harbor craft project in the San Diego/Border trade corridor is operational.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**Project Benefits**

When implemented, we expect projects included in this report will reduce about 5 million pounds or 2,530 tons of particulate matter (PM), plus over 136 million pounds or 68,280 tons of nitrogen oxides (NOx). Emission reductions for projects funded through 2013 are over the life of their grant term (e.g., 2 to 5 years for trucks and 10 years for ships at berth). Emission reductions for the FY2013-14 grants take into consideration ARB's regulations and include only the portion of the emission reductions that are early or extra to the regulations.

**Project Status by Grant Agreement**

The tables on the following pages present the current project status of each grant based on information from the September 30, 2013, local agency semi-annual reports for FY2011-12 and earlier projects. Information for the FY2013-14 grants is based on the recently awarded funds.

This report shows the information by trade corridor and within each trade corridor by applicable fiscal year appropriation. We have combined the information for the FY2008-09 and FY2011-12 grants for other truck projects because these grants cover projects from the same statewide solicitation and the same ranked lists, although the funds are from different fiscal year appropriations. Additionally, the information for the FY2013-14 other truck projects include funds reallocated from FY2008-09 or FY2011-12 grants that were not utilized due to project fallout. Truck counts will be updated as local agencies provide the results of their 2013 Truck Solicitations.

Projects are selected for funding on the basis of their competitive ranking, which reflects cost-effectiveness and emission reduction benefits. Since each ranked list may be updated to reflect project fallout or revised information, we preserve the overall ranking hierarchy by maintaining a single project list rather than separating the list by fiscal year within each grant.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**LOS ANGELES/INLAND EMPIRE TRADE CORRIDOR – South Coast AQMD**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b>FY2013-14 &amp; FY2011-12</b>					
Other Trucks	Replace old dirty trucks with newer clean models.  13GML01/G11GMLT1	\$96,275,784	208,000	7,380,000	Grant agreement and start letter to be sent to the District in December 2013. Grant amount includes reallocated funds from G11GMLT1 that are available to fund projects from the 2013 Truck Solicitations.
<b>FY2011-12</b>					
Priority Drayage Reserve	Replace old dirty trucks with newer clean models serving ports and railyards.  G11GMLP1	\$3,302,250	1,000	973,000	District has completed the grant to scrap 105 old trucks and replace them with much cleaner trucks. All 105 upgraded trucks are operational. Grant amount excludes the unused funds that are reallocated to G11GMLT1 and are available to fund projects from the 2013 Truck Solicitations.
<b>FY2011-12 &amp; FY2008-09</b>					
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G11GMLT1/G08GMLT1	\$90,363,736	600,000	15,507,000	District is in the process of completing the grant to retrofit 505 trucks and to scrap/replace 1,700 trucks; 1,573 upgraded trucks are operational. District expects the remaining projects to be operational by the end of 2013. Grant amount excludes reallocated funds that are available to fund projects from the 2013 Truck Solicitations.
<b>FY2008-09</b>					
Ships at Berth	Eliminate or reduce emissions from ships at berth.  G08GMLS1	\$59,973,125	373,000	21,841,000	District is in the process of completing the grant to install shorepower equipment for a total of 25 berths (12 for Port of Long Beach, 10 for Port of Los Angeles, 3 for Port of Hueneme). Construction is complete with ships plugging into the grid starting in January 2014.
Locomotives	Replace old dirty locomotives with newer clean models.  G08GMLL1	\$4,635,000	29,000	315,000	District has signed a contract to upgrade 6 locomotives and expects the projects to be operational by December 2014.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**LOS ANGELES/INLAND EMPIRE TRADE CORRIDOR – South Coast AQMD (continued)**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b>FY2007-08</b>					
Drayage Trucks	Replace old dirty trucks serving the Ports of Los Angeles and Long Beach with newer clean models. G07GMLP1	\$6,930,000	72,000	1,104,000	District has completed the grant to scrap 132 old trucks and replace them with new natural gas trucks meeting the cleanest 2010 emission standards. All 132 trucks are operational.
	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models serving the rail yards. G07GMLP2	\$2,625,000	34,000	577,000	District has completed the grant to retrofit 2 trucks with soot filters and to scrap 50 old trucks and replace them with much cleaner trucks. All 52 upgraded trucks are operational.
	Replace old dirty trucks serving the Ports of Los Angeles and Long Beach with newer clean models. G07GMLP3-03	\$68,539,800	557,000	10,194,000	District has completed the grant to scrap 1,312 old trucks and replace them with much cleaner trucks. All 1,312 trucks are operational.
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models. G07GMLT1	\$6,877,500	104,000	1,638,000	District has completed the grant to scrap 131 old trucks and replace them with much cleaner trucks. All 131 trucks are operational.
	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models. G07GMLT2	\$43,018,900	481,000	13,294,000	District has completed the grant to retrofit 33 trucks with soot filters and to scrap 823 old trucks and replace them with much cleaner trucks. All 856 trucks are operational. The truck stop electrification project has been cancelled as it did not meet the operational deadline.
Locomotives	Replace old dirty locomotives at rail yards with newer clean models. G07GMLL1	\$3,090,000	37,000	1,007,000	District has completed the grant to repower 4 locomotives with much cleaner engines.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**LOS ANGELES/INLAND EMPIRE TRADE CORRIDOR – Port of Long Beach**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<i>FY2007-08</i>					
Drayage Trucks	Replace old dirty trucks serving the Ports of Los Angeles and Long Beach with newer clean models.  G07GMLP3	\$3,550,000	62,000	609,000	Port has completed the grant to scrap 67 old trucks and replace them with much cleaner trucks. All 67 trucks are operational.
Corridor Total		\$389,181,095	2,558,000	74,439,000	

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**CENTRAL VALLEY TRADE CORRIDOR – San Joaquín Valley APCD**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b><i>FY2013-14 &amp; FY2011-12</i></b>					
Other Trucks	Replace old dirty trucks with newer clean models.  13GMC01/G11GMCT1	\$39,519,385	85,000	3,029,000	Grant agreement and start letter to be sent to the District in December 2013. Grant amount includes reallocated funds from G11GMCT1 that are available to fund projects from the 2013 Truck Solicitations.
<b><i>FY2011-12 &amp; FY2008-09</i></b>					
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G11GMCT1/G08GMCT1	\$59,689,926	537,000	14,057,000	District is in the process of completing the grant to retrofit 131 trucks and scrap/replace 1,088 trucks; 1,100 upgraded trucks are operational. District expects the remaining projects to be operational by the end of 2013. Grant amount excludes reallocated funds that are available to fund projects from the 2013 Truck Solicitations.
<b><i>FY2007-08</i></b>					
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G07GMCT1	\$4,882,500	113,000	1,364,000	District has completed the grant to retrofit 10 trucks with soot filters and to scrap 93 old trucks and replace them with much cleaner trucks. All 103 trucks are operational.
	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G07GMCT3	\$40,824,420	609,000	14,319,000	District has completed the grant to retrofit 12 trucks with soot filters and to scrap 789 old trucks and replace them with much cleaner trucks. All 801 trucks are operational.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**CENTRAL VALLEY TRADE CORRIDOR – Sacramento Metropolitan AQMD**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b>FY2013-14 &amp; FY2011-12</b>					
Other Trucks	Replace old dirty trucks with newer clean models.  13GMC02/G11GMCT2	\$8,054,846	17,000	617,000	Grant agreement and start letter to be sent to the District in December 2013. Grant amount includes reallocated funds from G11GMCT2 and G08GMCT2 that are available to fund projects from the 2013 Truck Solicitations.
<b>FY2011-12 &amp; FY2008-09</b>					
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G11GMCT2/G08GMCT2	\$8,409,901	46,000	1,568,000	District has completed the grant to retrofit 15 trucks with soot filters and to scrap 178 old trucks and replace them with much cleaner trucks. All 193 trucks are operational. Grant amount excludes reallocated funds that are available to fund projects from the 2013 Truck Solicitations.
<b>FY2007-08</b>					
Other Trucks	Replace old dirty trucks with newer clean models.  G07GMCT2	\$102,847	1,000	27,000	District has completed the grant to scrap 2 old trucks and replace them with much cleaner trucks. Both trucks are operational.
	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G07GMCT4	\$4,640,774	43,000	1,016,000	District has completed the grant to scrap 96 old trucks and replace them with much cleaner trucks. All 96 trucks are operational.
Locomotives	Replace old dirty long-haul locomotives with new clean models.  G07GMCL1	\$10,300,000	295,000	2,844,000	District has completed the grant to repower 15 line haul locomotives with much cleaner engines. All 15 locomotives are operational and are expected to routinely travel between the Central Valley and the Los Angeles/Inland Empire trade corridors.
<b>Corridor Total</b>		<b>\$176,424,599</b>	<b>1,746,000</b>	<b>38,841,000</b>	

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**BAY AREA CORRIDOR – Bay Area AQMD**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b><i>FY2013-14 &amp; FY2011-12</i></b>					
Other Trucks	Replace old dirty trucks with newer clean models.  13GMB01/G11GMBT1	\$14,545,593	31,000	1,115,000	Grant agreement and start letter to be sent to the District in December 2013. Grant amount includes reallocated funds from G11GMBT1 that are available to fund projects from the 2013 Truck Solicitations.
<b><i>FY2011-12</i></b>					
Priority Drayage Reserve	Replace old dirty trucks with newer clean models serving ports and railyards.  G11GMBP1	\$10,311,000	1,400	2,678,000	District has completed the grant to scrap 357 old trucks and replace them with much cleaner trucks. All 357 upgraded trucks are operational. Grant amount excludes the unused funds that are reallocated to G11GMBT1 and are available to fund projects from the 2013 Truck Solicitations.
<b><i>FY2011-12 &amp; FY2008-09</i></b>					
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G11GMBT1/G08GMBT1	\$18,178,650	79,000	1,994,000	District is in the process of completing the grant to retrofit 28 trucks and scrap/replace 357 trucks; 376 upgraded trucks are operational. District expects the remaining projects to be operational by the end of 2013. Grant amount excludes reallocated funds that are available to fund projects from the 2013 Truck Solicitations.
<b><i>FY2008-09</i></b>					
Ships at Berth	Eliminate or reduce emissions from ships at berth and/or cargo equipment at ports and intermodal railyards.  G08GMBS1	\$20,000,000	107,000	6,278,000	District is in the process of completing the grant to install shorepower equipment for a total of 9 berths (8 for Port of Oakland, 1 for Ports America Outer Harbor Terminal). Construction is complete with ships plugging into the grid starting in January 2014.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**BAY AREA CORRIDOR – Bay Area AQMD (continued)**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b>FY2007-08</b>					
Drayage Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G07GMBP1	\$14,526,891	190,000	1,897,000	District has completed the grant to retrofit 889 trucks with soot filters and to scrap 203 old trucks and replace them with much cleaner trucks. All 1,092 trucks are operational.
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G07GMBT1	\$10,462,200	87,000	1,970,000	District has completed the grant to retrofit 13 trucks with soot filters and to scrap 198 old trucks and replace them with much cleaner trucks. All 211 trucks are operational.
Ships at Berth	Install grid-based shoreside electrical power at 3 berths at the Port of Oakland so ships can plug in and turn off their engines while docked.  G07GMBS1	\$2,422,290	20,000	1,164,000	District has completed the grant to provide shore power at 3 berths; the first ship plugged into the grid in May 2011.
Locomotives	Replace old dirty locomotives at rail yards with newer clean models.  G07GMBL1	\$0	0	0	Grant terminated and funds transferred to the existing port truck grant G07GMBP1, at the District's request.
Corridor Total		\$90,446,624	515,400	17,096,000	

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**SAN DIEGO/BORDER TRADE CORRIDOR – San Diego APCD**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b><i>FY2013-14 &amp; FY2011-12</i></b>					
Other Trucks	Replace old dirty trucks with newer clean models.  13GMS01-ST1	\$9,011,061	19,000	690,000	Grant agreement and start letter to be sent to the District in December 2013.
<b><i>FY2013-14</i></b>					
Commercial Harbor Craft	Replace old dirty engines in harbor craft with newer clean engines.  13GMS01-SH1	\$800,000	4,000	120,000	Grant agreement and start letter to be sent to the District in December 2013.
<b><i>FY2011-12 &amp; FY2008-09</i></b>					
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G11GMST1/G08GMST2	\$11,376,764	74,000	1,813,000	District has completed the grant to scrap 292 trucks and replace them with much cleaner trucks. All 292 trucks are operational.
<b><i>FY2008-09</i></b>					
Commercial Harbor Craft	Replace old dirty engines in harbor craft with newer clean engines.  G08GMSH1	\$115,286	1,000	11,000	District has completed the grant to upgrade 1 harbor craft vessel.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**SAN DIEGO/BORDER TRADE CORRIDOR – San Diego APCD (continued)**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
<b><i>FY2007-08</i></b>					
Drayage Trucks	Retrofit or replace trucks serving the Port of San Diego.  G07GMSP1	\$0	0	0	Grant terminated and funds transferred to the existing port truck grant G07GMSP2, at the District's request.
	Replace old dirty trucks serving the Port of San Diego with newer clean models.  G07GMSP2	\$5,143,950	31,000	680,000	District has completed the grant to scrap 98 trucks and replace them with much cleaner trucks. All 98 trucks are operational.
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G07GMST2	\$1,680,000	13,000	332,000	District has completed the grant to scrap 32 trucks and replace them with much cleaner trucks. All 32 trucks are operational.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**SAN DIEGO/BORDER TRADE CORRIDOR – Imperial County APCD**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b><i>FY2013-14 &amp; FY2011-12</i></b>					
Other Trucks	Replace old dirty trucks with newer clean models.  13GMS02/G11GMST2	\$6,611,061	14,000	506,000	Grant agreement and start letter to be sent to district in December 2013. Grant amount includes reallocated funds from G11GMST2 that are available to fund projects from the 2013 Truck Solicitations.
<b><i>FY2011-12 &amp; FY2008-09</i></b>					
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G11GMST2/G08GMST1	\$7,929,531	66,000	1,598,000	District is in the process of completing the grant to retrofit 20 trucks and scrap/replace 160 trucks; 97 upgraded trucks are operational. District expects the remaining projects to be operational by the end of 2013. Grant amount excludes reallocated funds that are available to fund projects from the 2013 Truck Solicitations.
<b><i>FY2007-08</i></b>					
Other Trucks	Retrofit trucks with soot filters and replace old dirty trucks with newer clean models.  G07GMST3	\$2,573,799	23,000	433,000	District has completed the grant to scrap 51 trucks and replace them with much cleaner trucks. All 51 trucks are operational.

**SAN DIEGO/BORDER TRADE CORRIDOR – Port of San Diego**

Fiscal Year/ Category	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b><i>FY2007-08</i></b>					
Ships at Berth	Install grid-based shore power at the Port of San Diego.  G07GMSS1	\$0	0	0	Grant terminated and funds transferred to the San Diego District's existing port truck grant G07GMSP2, at the Port's request.
Corridor Total		\$45,241,452	245,000	6,183,000	

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**STATE AGENCY – LOAN ASSISTANCE – Priority Drayage Reserve only**

State Agency	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b>FY2013-14</b>					
ARB	Loan assistance to replace old dirty trucks with newer clean models serving ports and railyards.	\$5,300,000	TBD	TBD	ARB is in the process of reallocating these funds to local agencies to fund small fleet truck projects from the 2013 Truck Solicitations.
<b>FY2011-12</b>					
ARB	Loan assistance to replace old dirty trucks with newer clean models serving ports and railyards.	\$5,000,000	Included in the Bay Area and South Coast FY2011-12 Priority Drayage Reserve Grants.		Loan assistance to help replace drayage trucks funded under the priority drayage reserve through the South Coast and Bay Area Districts. Loan assistance is improved access to financing through the California Capital Access Program with funds used for a loan loss reserve account if a truck owner defaults on their loan. 136 trucks projects have utilized the loan assistance program. Funds not utilized may be made available to local agencies to fund small fleet truck projects from the 2013 Truck Solicitations.

**MULTI-CORRIDOR TRUCK PROGRAMS**

State Agency	Project Description	Grant Amount	Emission Reductions (pounds)		Current Project Status
			PM	NOx	
<b>FY2013-14</b>					
ARB	Truck filter substrate replacement	\$6,300,000	TBD	TBD	ARB is in the process of finalizing the requirements to implement the program and will be working with a local agency to administer.

Proposition 1B: Goods Movement Emission Reduction Program  
DECEMBER 2013 SEMI-ANNUAL STATUS REPORT

**TOTALS – ALL EQUIPMENT PROJECTS BY TRADE CORRIDOR**

Trade Corridor	Amount (\$ millions)	PM (lbs)	NOx (lbs)
Los Angeles/Inland Empire	\$389,181,095	2,558,000	74,439,000
Central Valley	\$176,424,599	1,746,000	38,841,000
Bay Area	\$90,446,624	515,400	17,096,000
San Diego/Border	\$45,241,452	245,000	6,183,000
Statewide - Loan Assistance <sup>1</sup>	\$10,300,000		
Statewide - Truck Filter Substrate Replacement Program	\$6,300,000		
ARB Administration	\$21,400,000		
<b>TOTAL</b>	<b>\$739.3 million</b>		

**TOTALS – ALL PROJECTS BY CATEGORY**

Funding Category	Amount (\$ millions)	PM (lbs)	NOx (lbs)
Other Trucks	\$485,029,178	3,250,000	84,267,000
Drayage Trucks	\$114,928,891	948,400	18,712,000
Shore Power	\$82,395,415	500,000	29,283,000
Harbor Craft	\$915,286	5,000	131,000
Locomotives	\$18,025,000	361,000	4,166,000
ARB Loan Assistance <sup>1</sup>	\$10,300,000		
ARB Truck Filter Substrate Replacement Program	\$6,300,000		
ARB Administration	\$21,400,000		
<b>TOTAL</b>	<b>\$739.3 million</b>		

<sup>1</sup>ARB will reallocate the \$5.3 million awarded at the July 2013 Board Meeting to local agency truck projects for small fleets.