

Agenda Date:	October 15, 2009
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Continued Item:	No

Board Agenda Item

TO: Air Pollution Control District Board

FROM: Terry Dressler, Air Pollution Control Officer

CONTACT: Jim Fredrickson, 961-8892

SUBJECT: Lower Emission School Bus Program

RECOMMENDATION:

Approve \$560,000 in additional funding allocation for the Lower Emission School Bus Program.

SUMMARY:

Since 2001, your Board has allocated \$1,380,604 for the Lower Emission School Bus Program, which led to the replacement of 12 school buses, and retrofit of 21 school buses with diesel particulate control filters throughout the county. The recommendation is to approve an additional allocation of \$560,000 in Innovative Technologies Group (ITG) funds for a total allocation of \$1,940,604 for school bus replacement or retrofit of older diesel school buses. This program allocation does not change the Fiscal Year 2009-10 budget.

DISCUSSION:

Back in January 2001 your Board approved APCD participation with the California Air Resources Board (ARB) to replace and retrofit school buses in Santa Barbara County. School children's exposure to diesel emissions have been reduced by replacing older diesel powered school buses with new lower emission school buses and also by retrofitting older buses by installing particulate control filters.

Since January 2001, your Board has approved a total of \$1,380,604 in Carl Moyer Program, motor vehicle surcharge and other ITG funds to be allocated to this Lower Emission School Bus Program. Of this amount, \$1,090,854 has been expended on bus replacement and bus retrofit projects to date with \$289,750 remaining in the bus program budget.

The \$1,090,854 of program funds have been used to successfully replace 12 old school district buses in our county with new cleaner buses. In addition, 21 school district buses have been retrofitted with diesel particulate control filters. Table 1 below lists the bus replacements and Table 2 lists the bus retrofits. All of these school bus projects have combined to reduce more than 30 tons of nitrogen oxides and particulate matter (PM₁₀) emissions over their project life.

Table 1 – Bus Replacements

Grant Approval Date	Approved Grant Amount	School District	Bus Replacement Grants
7/19/2001	\$50,000	Goleta USD	Two old 1979 buses replaced with two new 2001 buses (CNG+ULSD) (75% paid by CEC / 25% APCD Match)
7/19/2001	\$20,090	Blochman USD	One old 1977 bus replaced with one new 2001 bus (Propane) (75% paid by CEC / 25% APCD Match)
1/17/2002	\$39,618	Orcutt USD	Two old buses (1971 & 1984) replaced with two new 2002 buses (Propane) (75% paid by CEC / 25% APCD Match)
10/20/2005	\$119,466	Cuyama JUSD	One 1982 bus replaced with one 2005 bus (ULSD)
3/16/2006	\$250,223	Guadalupe USD	Two 1981 buses replaced with two 2005 buses (ULSD) (Paid for with Guadalupe Dunes Mitigation Funds)
8/20/2008	\$140,000	Santa Maria JUHSD	One 1980 bus replaced with one 2008 bus (ULSD)
8/20/2008	\$140,000	Santa Maria JUHSD	One 1980 bus replaced with one 2008 bus (USLD)
8/20/2008	\$110,392	Goleta USD	One 1984 bus replaced with one 2009 bus (ULSD)
8/20/2008	\$110,392	Goleta USD	One 1986 bus replaced with one 2009 bus (ULSD)
	\$980,181		12 Bus Replacements

Table 2 – Bus Retrofits

Grant Approval Date	Approved Grant Amount	School District / JPA	Bus Retrofit Grants
3/5/2004	\$3,988	Cuyama JUSD	Installed one Diesel Particulate Filter
5/13/2004	\$16,149	Goleta USD	Installed three Diesel Particulate Filters
7/19/2004	\$7,556	Carpinteria USD	Installed two Diesel Particulate Filters
11/30/2004	\$38,270	Student Transportation of America	Installed ten Diesel Particulate Filters
6/13/2007	\$44,710	Orcutt USD	Installed five Diesel Particulate Filters
	\$110,673		21 Bus Retrofits

With the additional allocation of \$560,000, the currently unexpended program budget of \$289,750 would be increased to \$849,750. This funding would allow us to replace a total of six of the oldest diesel school buses with new lower emission school buses. We are currently coordinating with several school districts regarding funding for bus replacements.

This additional \$560,000 allocation for this school bus program will be derived from motor vehicle surcharge funds and is expected to be expended throughout the 2009 and 2010 calendar years. This program allocation does not change the District's fiscal year 2009-10 budget amount for ITG.