



School Bus Replacement Program Summary

The Sacramento Metropolitan Air Quality Management District (SMAQMD), in partnership with the Butte County Air Pollution Control District (BCAPCD), El Dorado County Air Quality Management District (EDCAQMD), Glenn County Air Pollution Control District (GCAPCD), and Yolo-Solano Air Quality Management District (YSAQMD) announces the availability of \$16,170,000 to replace pre-1987 school buses with new low emission school buses and install verified emission control (retrofit) devices on 1987 or newer in-use school buses within the northern California air districts. This is the largest single funding source available to the Lower Emission School Bus Program since 2000.

Background:

The Lower Emission School Bus Program (LESBP) was established in 2000 as a grant program to fund the purchase of new school buses to replace old, high-polluting public school buses and to equip public in-use school buses with retrofit devices. Participation in this program is voluntary. Funds for this program were created through Proposition 1B (Prop 1B), the Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006. Prop 1B was approved by California voters in November 2006. This bond designates \$200 million statewide to replace pre-1977 chassis model year school buses and pre-1987 engine model year school buses with new low emission school buses.

Air pollution from diesel vehicles has health implications for everyone, but children are more susceptible because they breathe 50 percent more air per pound of body weight than do adults. Diesel exhaust contains significant levels of small particles, known as PARTICULATE MATTER (PM), especially fine particles. Children riding older school buses are exposed to these harmful diesel pollutants.

Program Goal:

The primary goal of this program is to reduce school children’s exposure to cancer-causing and smog-forming pollution through the replacement of old school buses with new low emission school buses. In fact, the average 2007 emission compliant school bus emits about 95 percent fewer toxic PM and over 85 percent less NOx emissions than a pre-1977 model year bus. Following the replacement of qualifying pre-1977 model year buses, the air districts have allocated a maximum of 70 percent of their total Prop 1B funds to replace 1977-1986 engine model year school buses.

Qualifying Entities and Total Funding Available for this Grant by Jurisdiction:

Any public school district that owns their own school buses within the boundaries of the named air districts, or a Joint Powers Authority (JPA) that has been formed by several public school districts and the JPA holds ownership of the school bus in the named air district regions, is eligible to apply for funds. School transportation contractors are NOT eligible to apply for school bus replacement funds.

The total LESBP funding allocations for public school districts in each air district follows:

Air District	LESBP Funds
Butte County Air Pollution Control District	\$ 2,600,000
El Dorado County Air Quality Management District	2,100,000
Glenn County Air Pollution Control District	470,000
Sacramento Metropolitan Air Quality Management District	9,100,000
Yolo-Solano Air Quality Management District	1,900,000
Total	\$ 16,170,000

Eligible Buses:

The school bus replacement component offers grant funding for the replacement of pre-1977 chassis model year school buses and pre-1987 engine model year school buses with new emission certified

school buses that meet specific emission criteria. Any existing school bus to be replaced will be crushed; no part of the existing school bus may be re-used.

The eligibility criteria for any existing school bus to be replaced:

- The existing school bus must be a 1986 engine model year or older school bus.
- The existing school bus must have a California Highway Patrol (CHP) safety certification as of December 31, 2005 and have continuous CHP safety certification from that point forward.
- The existing school bus must have a manufacturer's Gross Vehicle Weight Rating (GVWR) greater than 14,000 pounds.
- The school bus must be currently registered with the Department of Motor Vehicles.

Only replacement school buses will be considered for funding. Fleet expansion school buses are not eligible for funding. The oldest model year engine school bus applications will receive funding priority for replacement.

The eligibility criteria for the new replacement school bus:

- The new replacement school bus must be owned and operated within the home air district region for a minimum of five (5) years.
- New school buses must have a manufacturer's GVWR greater than 14,000 pounds.
- A 2007 or newer model year diesel-fueled school bus that does not exceed the following certified emission levels:
1.44 g/bhp-hr for NO_x FEL or 1.44 g/bhp-hr for NO_x+NMHC FEL and 0.01 g/bhp-hr for PM.
- A 2007 or newer model year alternative -fueled school bus that does not exceed the following certified emission levels:
1.44 g/bhp-hr for NO_x FEL or 1.44 g/bhp-hr for NO_x+NMHC FEL and 0.01 g/bhp-hr for PM.
Alternative-fueled school buses may be powered by natural gas, liquefied petroleum gas (LPG or propane), electricity, methanol, or ethanol fuels.
- Commercially available hybrid school buses may be eligible for funding.

Project Selection:

The SMAQMD will fund all qualifying school buses manufactured before April 1, 1977 prior to funding other projects. The SMAQMD will then preferentially choose the oldest engine model year school buses within each air district region that have applied for replacement. When replacing eligible 1977-1986 engine model year school buses, the SMAQMD and participating air districts may provide up to \$140,000 which includes the \$25,000 match funds. Participating school districts or JPAs within the Glenn County and Butte County air district regions must provide the \$25,000 match funds for the 1977-1986 bus replacement projects. There is no match funding requirement for the pre-1977 bus replacement projects. A \$140,000 cost cap is applicable to the base cost of the replacement school bus only, including tax.

Application Materials:

The Program Application, Application Checklist, and more information about the Lower-Emission School Bus Program can be found at the following website:

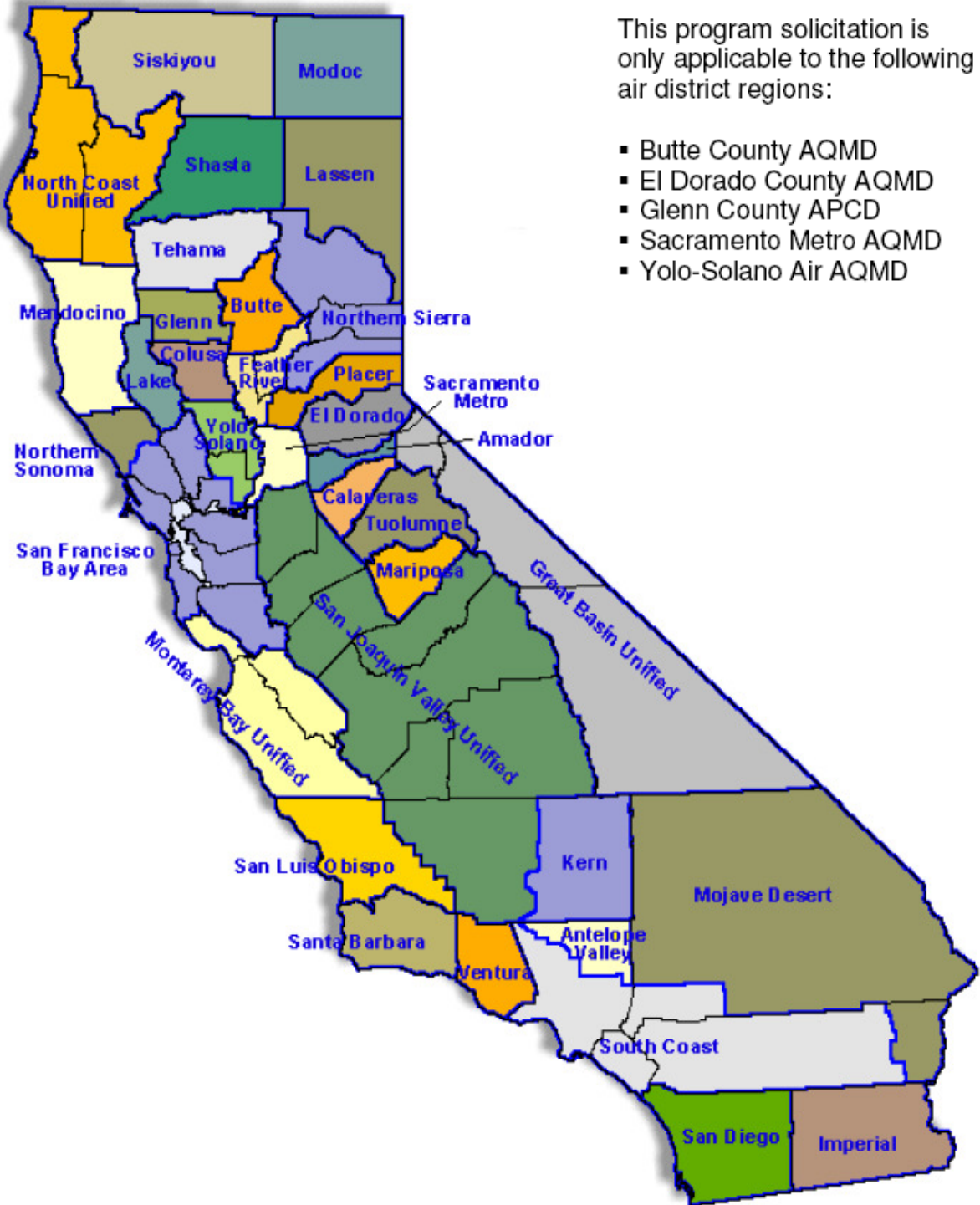
<http://www.airquality.org/mobile/schoolbus/index.shtml>

Application Deadline:

All Program Applications and supporting documents listed on the Application Checklist must be post marked or dated stamped by the SMAQMD no later than **December 15, 2008**. All application materials must be delivered or sent to the following address:

**Sacramento Metropolitan AQMD
Attn: School Bus Replacement Program
777 12th Street, 3rd Floor
Sacramento, CA 95814**

California Air Districts



This program solicitation is only applicable to the following air district regions:

- Butte County AQMD
- El Dorado County AQMD
- Glenn County APCD
- Sacramento Metro AQMD
- Yolo-Solano Air AQMD