

## CALIFORNIA AIR RESOURCES BOARD

### NOTICE OF PUBLIC MEETING TO CONSIDER THE APPROVAL OF A PROPOSED LIST OF MEASURES TO REDUCE PARTICULATE MATTER – PM10 and PM2.5 (IMPLEMENTATION OF SENATE BILL 656, SHER 2003)

The Air Resources Board (the Board or ARB) will conduct a public meeting at the time and place noted below to consider the approval of a proposed list of measures to reduce inhalable particulate matter (PM10) and the subset of fine particles (PM2.5). The list was prepared to meet the requirements of Senate Bill 656 (SB 656, Sher 2003).

DATE: November 18, 2004

TIME: 9:00 a.m.

PLACE: California Environmental Protection Agency  
Air Resources Board  
1001 I Street  
Central Valley Auditorium  
Sacramento, California 95814

This item will be considered at a two-day meeting of the Board, which will commence at 9:00 a.m., November 18, 2004, and will continue at 8:30 a.m., November 19, 2004. This item may be considered on November 19, 2004. Please consult the agenda for the meeting, which will be available at least 10 days before November 18, 2004, to determine the day on which this item will be considered.

If you have a disability-related accommodation need, please go to <http://www.arb.ca.gov/html/ada/ada.htm> for assistance or contact the ADA Coordinator at (916) 323-4916. If you are a person who needs assistance in a language other than English, please contact the Bilingual Coordinator at (916) 324-5049. TTY/TDD/Speech-to-Speech users may dial 7-1-1 for the California Relay Service.

In 2003, the Legislature enacted SB 656, codified as Health and Safety Code (H&SC) section 39614, to reduce public exposure to PM10 and PM2.5 (collectively referred to as PM). SB 656 requires ARB, in consultation with local air pollution control and air quality management districts (air districts), to develop and adopt a list of the most readily available, feasible, and cost-effective control measures that could be employed by ARB and the air districts to reduce PM. The goal is to make progress toward attainment of State and national PM10 and PM2.5 standards. The proposed control measures are to be based on rules, regulations, and programs

existing in California as of January 1, 2004 to reduce emissions from new, modified, and existing stationary, area-wide, and mobile sources. By July 31, 2005, the bill requires the ARB and air districts to adopt implementation schedules for appropriate ARB and air district measures. Finally, no later than January 1, 2009, the ARB must prepare a report describing actions taken to fulfill the requirements of the legislation as well as recommendations for further actions to assist in achieving the State PM standards. The bill requirements sunset on January 1, 2011, unless extended.

ARB staff has developed a proposed list of readily available, feasible, and cost-effective air measures existing in California as of January 1, 2004, that could be adopted by air districts to make progress towards attainment of the State and federal standards. For information purposes, we provide a summary of measures that ARB has adopted prior to January 1, 2004. We also include a summary of measures that ARB is considering for development as part of our State Implementation Plan obligation for PM10 and ozone, as well as our Diesel Risk Reduction Program.

The proposed list of air district measures is comprised of measures for stationary sources, area-wide sources, transportation-related programs, and incentive programs. The list includes measures in the following categories: 1) wood-burning fireplaces and heaters, 2) non-agricultural open burning, 3) fugitive dust, 4) stationary combustion sources, 5) composting and related operations, 6) storage, transfer, and dispensing operations, 7) leaks and releases, 8) product manufacturing, 9) coatings, 10) solvent cleaning and degreasing, 11) miscellaneous activities, 12) general rules to reduce directly emitted PM, and 13) programs to reduce PM emissions from mobile sources (transportation-related programs and incentive programs). The list of air district measures provides a menu of control strategy options to address the many different types of PM problems that exist throughout California. For example, although most air districts do not meet the State PM10 standards, some are closer to attainment than others. In addition, the size (coarse versus fine) and chemical composition of PM varies by region and season. In some areas, fugitive dust events may lead to high PM concentrations. In other areas, the fine fraction may drive PM concentrations, and the major contributors may be the secondary formation of PM2.5 caused by the reaction of precursor gases.

The ARB summaries focus on mobile source and fuels measures, consumer product regulations, and airborne toxic control measures for diesel PM. The summary of ARB measures adopted prior to January 1, 2004 includes measures in the following categories: 1) diesel-fueled engines and vehicles, 2) smoke management, 3) non-diesel mobile sources, 4) non-diesel fuels, 5) consumer products, 6) vapor recovery, and 7) distributed generation guidelines for electrical generation technologies. As mentioned above, the second summary describes measures that ARB has proposed for development as part of our State

Implementation Plan obligation for PM10 and ozone, as well as our Diesel Risk Reduction Program.

Once the Board adopts the proposed list of air district measures, air districts must adopt implementation schedules by July 31, 2005. The implementation schedules will identify the selected subset of measures, and the dates for final adoption, implementation, and the sequencing of selected control measures. In developing the implementation schedule, H&SC section 39614 (d)(2) specifically requires each air district to prioritize measures that the air district is considering from the list based on the effect individual measures will have on public health, air quality, emission reductions, and cost-effectiveness. Consideration is also given to the impact of selected measures on other criteria pollutants, as well as to the benefits accruing from measures adopted as part of ongoing ARB statewide efforts. The development of air district implementation schedules begins with an assessment of the nature and severity of the PM problem in each area. This is followed by an evaluation of the cost-effectiveness of a subset of measures appropriate to the specific needs of the area. Finally, an air district will select and prioritize a list of measures designed to most cost-effectively make progress towards attaining the PM standards.

ARB staff will present a written staff report at the meeting. Copies of the report may be obtained from the Board's Public Information Office, 1001 "I" Street, 1<sup>st</sup> Floor, Environmental Services Center, Sacramento, CA 95814, (916) 322-2990, no later than October 22, 2004. The report may also be obtained from ARB's internet site at <http://www.arb.ca.gov/pm/pmmeasures/pmmeasures.htm>.

Interested members of the public may also present comments orally or in writing at the meeting, and in writing or by e-mail before the meeting. To be considered by the Board, written comment submissions not physically submitted at the meeting must be received **no later than 12:00 noon, November 17, 2004**, and addressed to the following:

Postal mail is to be sent to:

Clerk of the Board  
Air Resources Board  
1001 "I" Street, 23<sup>rd</sup> Floor  
Sacramento, California 95814

Electronic mail is to be sent to [listpmmea@listserv.arb.ca.gov](mailto:listpmmea@listserv.arb.ca.gov) and received at the ARB **no later than 12:00 noon, November 17, 2004**.

Facsimile submissions are to be transmitted to the Clerk of the Board at

(916) 322-3928 and received at the ARB **no later than 12:00 noon, November 17, 2004.**

The Board requests, but does not require 30 copies of any written submission. Also, the ARB requests that written and e-mail statements be filed at least 10 days prior to the meeting so that ARB staff and Board members have time to fully consider each comment. Further inquiries regarding this matter should be directed to Ms. Karen Magliano, Manager of the Particulate Matter Analysis Section, Planning and Technical Support Division at (916) 322-7137 or by e-mail at [kmaglian@arb.ca.gov](mailto:kmaglian@arb.ca.gov), or Dr. Patricia Velasco, Air Pollution Specialist, Planning and Technical Support Division at (916) 323-7560 or by e-mail at [pvelasco@arb.ca.gov](mailto:pvelasco@arb.ca.gov).

CALIFORNIA AIR RESOURCES BOARD

/s/

Catherine Witherspoon  
Executive Officer

Date: 10/19/04

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at [www.arb.ca.gov](http://www.arb.ca.gov).*