



# Air Resources Board



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

**Mary D. Nichols, Chairman**  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)

**Edmund G. Brown Jr.**  
Governor

April 17, 2015

Mail-Out # MSC 15-11

TO: All Interested Parties

SUBJECT: PUBLIC WORKSHOPS TO DISCUSS THE PROPOSED ADVANCED  
CLEAN TRANSIT REGULATION

The Air Resources Board (ARB) invites you to participate in a series of statewide public workshops to discuss the development of the Advanced Clean Transit regulation.

Achieving California's air quality, climate, and public health goals will require a transition to zero and near-zero technologies in all mobile sources. ARB is in the process of developing proposals for new approaches and strategies to achieve this transition. The Advanced Clean Transit proposal is designed to achieve this transition in public transit fleets, while providing transit agencies the flexibility to continue to evolve to meet expanding needs for effective, efficient, and affordable regional transit services across California.

The date, time, and locations of the workshops are as follows:

<p><u>Sacramento</u></p> <p>Date: Monday, May 11, 2015 Time: 11:00 a.m. - 2:00 p.m. Location: Byron Sher Auditorium Cal/EPA Building 1001 I Street Sacramento, CA 95814</p>	<p><u>San Joaquin Valley</u></p> <p>Date: Thursday, May 14, 2015 Time: 12:00 p.m. - 3:00 p.m. Location: San Joaquin Valley Air Pollution Control District 1990 E. Gettysburg Avenue Fresno, CA 93726</p> <p>Video Teleconferenced Locations:</p> <p>San Joaquin Valley Air Pollution Control District 4800 Enterprise Avenue Modesto, CA 95356</p> <p>San Joaquin Valley Air Pollution Control District 34946 Flyover Court Bakersfield, CA 93308</p>
<p><u>Los Angeles</u></p> <p>Date: Wednesday, May 20, 2015 Time: 12:00 p.m. - 3:00 p.m. Location: Auditorium (Annex 4) 9530 Telstar Avenue El Monte, CA 91731</p>	

*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 website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

Workshop Topics to be discussed:

- California's air quality/climate goals and the need for emission reductions
- Background on the existing Transit Fleet Rule
- Update on advanced technologies including zero-emission buses
- Potential regulatory framework
- Information needed to support a proposal
- Open discussion

Each workshop will cover the same topics so participants may choose any or all workshops to attend. Participants are encouraged to attend in person; however, the Sacramento meeting will be webcast. The broadcast can be accessed on the day of the workshop at <http://www.calepa.ca.gov/broadcast/>. Information on submitting questions or comments will be provided during the webcast for remote participants. Staff's presentation and a discussion document will be posted in advance of the workshop on ARB's website at: <http://www.arb.ca.gov/msprog/bus/bus.htm>.

Additional Information

California faces challenging mandates to reduce air pollutant and greenhouse gas (GHG) emissions in order to meet federal air quality standards and state climate change goals, and protect public health. These goals require:

- A 90 percent reduction in NOx emissions by 2031 to attain federal ozone standards;
- An 80 percent reduction in GHG emissions below 1990 levels by 2050 to attain California climate emission reduction targets;
- Significant improvements in efficiency and the use of renewable fuels to meet the Governor's 50 percent petroleum reduction target by 2030; and
- Continued reductions in diesel PM and air toxics to protect public health

Achieving each of these goals will require a transition to zero and near-zero emission technologies in all mobile sources. Transit buses are one of the first heavy-duty applications where zero emission technologies have been demonstrated and are commercially available. Zero emission transit buses are primed to be one of the first heavy-duty vehicle types to achieve significant zero-emission vehicle sales volumes leading and supporting technology development in the heavy-duty sector as a whole. The Advanced Clean Transit regulation is critical in accelerating the adoption of zero emission buses in public transit systems and is one of several practical steps to meet ARB's objective of transitioning to zero and near-zero emission technology, and more importantly, to reach California's air quality, climate, and public health goals.

## Background

This workshop is part of the ongoing regulatory process to amend the Fleet Rule for Transit Agencies (Transit Fleet Rule). Adopted in 2000, the Transit Fleet Rule had, among other provisions, zero-emission bus purchase requirements for transit agencies with 200 or more urban buses. Transit agencies that chose to follow the diesel path option in the Transit Fleet Rule were required to demonstrate zero-emission buses, with 15 percent of new buses purchased to be zero-emission beginning in 2008. For alternative path transit agencies, the 15 percent zero-emission bus purchase requirement was to begin in 2010. The rule was amended in 2006, to postpone the purchase requirement to 2011 for diesel path transit agencies, and 2012 for alternative path transit agencies, and to include an advanced demonstration from the diesel path transit agencies. At the July 2009 Board meeting, through Resolution 09-49, the Board directed the Executive Officer to delay the zero-emission bus purchase requirement pending a technology and cost assessment. In January 2010, ARB issued an advisory (Mail-out #10-04) with the postponement of the purchase requirement for zero-emission buses.

## Special Accommodations

If you require a special accommodation, or need this document in an alternate format (i.e., Braille, large print), please visit <http://www.arb.ca.gov/html/ada/ada.htm> for assistance or contact the Americans with Disabilities Act Coordinator by telephone at (916) 323-4916 no later than ten business days before the scheduled meeting. If you are a person who needs assistance in a language other than English, please visit <http://www.arb.ca.gov/as/eo/languageaccess.htm> or contact the Bilingual Coordinator by telephone at (916) 324-5049 no later than ten business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Consecuente con la sección 7296.2 del Código de Gobierno de California, una acomodación especial o necesidades lingüísticas pueden ser suministradas para cualquiera de los siguientes:

- Un intérprete que esté disponible en la audiencia;
- Documentos disponibles en un formato alternativo u otro idioma;
- Una acomodación razonable relacionados con una incapacidad.

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor llame a la oficina del Consejo al (916) 324-0342 o envíe un fax (916) 327-8524 lo más pronto posible, pero no menos de 10 días de trabajo antes del día programado para la

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audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.

If you did not receive this notice directly, and would like to receive notices to stay informed of future regulatory progress, including the release of proposed regulations and workshop notifications, please sign up for the zero-emission bus listserve at: [http://www.arb.ca.gov/listserv/listserv\\_ind.php?listname=zbus](http://www.arb.ca.gov/listserv/listserv_ind.php?listname=zbus).

If you have questions regarding the public workshop, please contact Ms. Lynsay Carmichael, Air Resources Engineer, at (916) 322-0407 or by email at [lynsay.carmichael@arb.ca.gov](mailto:lynsay.carmichael@arb.ca.gov) or Mr. Craig Duehring, Manager, at (916) 323-2361 or by email at [craig.duehring@arb.ca.gov](mailto:craig.duehring@arb.ca.gov).

Sincerely,

/s/

Erik White, Chief  
Mobile Source Control Division

cc: Mr. Craig Duehring, Manager  
In-Use Control Measures Section  
Mobile Source Control Division

Ms. Lynsay Carmichael  
Air Resources Engineer  
Mobile Source Control Division