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Air Resources Board

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Edmund G. Brown Jr.
Governor

July 16, 2012

Mail-Out #MSC 12-13

TO: All Interested Parties

SUBJECT: SECOND PUBLIC WORKSHOP FOR AMENDING THE INTERIM
CERTIFICATION PROCEDURES FOR 2004 AND SUBSEQUENT
MODEL HYBRID-ELECTRIC VEHICLES IN THE URBAN BUS AND
HEAVY-DUTY VEHICLE CLASSES

The Air Resources Board (ARB or Board) invites you to participate in a public workshop to discuss amendments to the Interim Certification Procedures for 2004 and Subsequent Model Hybrid-Electric Vehicles in the Urban Bus and Heavy-Duty Vehicle Classes (interim procedures).

The meeting will be held at the following time and place:

Date: Thursday, August 30, 2012
Time: 1:00 p.m. to 3:30 p.m.
Place: Cal/EPA Headquarters Building
Sierra Hearing Room, 2nd Floor
1001 I Street
Sacramento, California 95814

This meeting will be webcast for those unable to attend in person. 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 any associated documents will be posted in advance of the workshop on ARB's website at: <http://www.arb.ca.gov/msprog/onroadhd/hdhev/hdhevtesting/hdhevtesting.htm>.

In 2002, the Board adopted interim test procedures for certifying hybrid-electric heavy-duty vehicles and urban buses. This interim procedure was adopted in conjunction with modifications to the Public Transit Bus Fleet Rule to reflect advances in technology that could not be captured in ARB's existing heavy-duty certification procedures. The interim certification procedure is based on a modified version of the Society of Automotive Engineers (SAE) Recommended Practice SAE J2711. This protocol was developed to test the emissions of heavy-duty hybrid-electric vehicles using a chassis

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>.

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dynamometer. The certification value is determined through calculations using chassis dynamometer test results and engine certification values for both the hybrid-electric vehicle and a conventional drivetrain vehicle. The Board approved these interim procedures with the intention of revisiting the procedures if needed in future years.

Due to the expanding commercialization of hybrid technology, advancement of the hybrid technology into more sectors of the heavy-duty vehicle market, and the need to better quantify emission reductions from existing and future heavy-duty hybrid vehicles, ARB believes that updates to the existing interim procedure are warranted.

The first workshop on this topic was held February 3, 2010. Since then, ARB has followed research in this area, and has supported the U.S. EPA's process as they developed voluntary test procedures for heavy-duty hybrid vehicles as part of the federal Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles. At the August 30, 2012 workshop, ARB staff, with public participation, will continue to seek input on potential amendments to the interim procedures to better align with the federal voluntary procedure and measure criteria pollutant and greenhouse gas emissions from a variety of hybrid vehicles.

If you require a special accommodation or need this document in an alternate format or language, please contact Ms. Jessica Dean at (916) 322-8748 or jdean@arb.ca.gov as soon as possible, but no later than 10 business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

If you have questions regarding the workshop, please contact Ms. Jessica Dean, Air Resources Engineer, at (916) 322-8748 or jdean@arb.ca.gov. We welcome and appreciate your participation in this workshop.

Sincerely,

/s/

Robert H. Cross, M.S.M.E., P.E.
Chief, Mobile Source Control Division

cc: Ms. Jessica Dean
Air Resources Engineer
Strategic Planning & Development Section