



# Air Resources Board



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Secretary for  
Environmental Protection

**Mary D. Nichols, Chairman**  
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**Edmund G. Brown Jr.**  
Governor

TO: All Interested Parties Mail-Out #MSC 13-05

DATE: February 8, 2013

SUBJECT: PUBLIC WORKSHOP REGARDING A NEW GREENHOUSE GAS (GHG) REGULATION AND NEW OPTIONAL REDUCED EMISSION STANDARDS FOR HEAVY-DUTY ENGINES AND VEHICLES, AND AMENDMENTS TO THE TRACTOR-TRAILER GHG REGULATION AND THE AIRBORNE TOXIC CONTROL MEASURE TO LIMIT DIESEL-FUELED COMMERCIAL MOTOR VEHICLE IDLING

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The California Air Resources Board (ARB or Board) invites you to participate in a public workshop to discuss proposals for several regulations and regulation amendments related to on-road heavy-duty vehicles.

At this workshop, staff will be soliciting input on the following proposals:

- Adopting a new regulation to harmonize with GHG Emissions Standards for Medium- and Heavy-Duty Engines and Vehicles that U.S. EPA adopted in 2011;
- Making amendments to ARB's existing Heavy-Duty Vehicle GHG Emission Reduction Regulation (Tractor-Trailer GHG regulation) to align with the proposed new regulation above;
- Adopting a new set of optional oxides of nitrogen (NOx) standards for heavy-duty vehicle engines more stringent than the current 2010 model year standard; and
- Making amendments to the Airborne Toxic Control Measure (ATCM) to Limit Diesel-fueled Commercial Motor Vehicle Idling to expand compliance responsibility.

This workshop is intended to be the only one prior to Board consideration of these proposals in October of 2013.

## Workshop Location

The workshop will be held in the following location at the listed date and time:

*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

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Date: Monday, March 11, 2013  
Time: 8:30 a.m. – 4:00 p.m.  
Location: Air Resources Board  
Coastal Hearing Room  
1001 I Street  
Sacramento, California 95814

Map to California Air Resources Board, [Sacramento HQ](#)

The workshop 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/?BDO=1>. Information on submitting questions or comments will be provided during the webcast for remote participants.

If you require a special accommodation, please contact the staff member listed below as soon as possible, but no later than 5 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 workshops, please contact Mr. Joshua Cunningham, Air Resources Engineer, at (916) 324-2553 or [jcunning@arb.ca.gov](mailto:jcunning@arb.ca.gov). We welcome and appreciate your participation in these workshops.

### Background

In September 2011, U.S. EPA adopted a new regulation for controlling GHG emissions from new medium and heavy-duty engines and vehicles. ARB staff is proposing to align with the federal regulation in order to provide California with the ability to certify engines and vehicles to the new standards as well as enforce them. The federal regulation is currently in the implementation phase, with compliance requirements beginning with 2014 model year and extending through 2018 model year engines and vehicles.

On December 11, 2008, the Board approved the Tractor-Trailer GHG regulation codified in sections 95300-95312 title 17, California Code of Regulations (CCR), and later amended it on December 17, 2010. This regulation reduces GHG emissions from long-haul tractor-trailer combinations by requiring them to utilize U.S. EPA SmartWay verified or designated technologies that will improve fuel efficiency. The recently adopted federal regulation establishes national GHG emission standards for 2014 and newer model year heavy-duty tractors. To harmonize the tractor requirements of the federal and California regulations, ARB staff is considering modifications to its Tractor-Trailer GHG regulation.

ARB staff will be proposing optional NOx emission standards for California certified 2015 and later model year engines. Staff may propose more than one optional NOx emission standard that would be below the existing 2010 model year standard. If the optional standards are adopted, ARB's existing incentive programs such as the Carl Moyer Memorial Air Quality Standards Attainment program could be modified to give preference to engines certified to the optional standards.

On July 22, 2004, ARB adopted an ATCM to Limit Diesel-fueled Commercial Motor Vehicle Idling. This regulation is codified in title 13 CCR section 2485, and was later amended on October 20, 2005 and December 11, 2008. The ATCM, among other things, requires that drivers of diesel-fueled commercial motor vehicles with gross vehicle weight ratings greater than 10,000 pounds not operate the vehicle's primary diesel engine at idle for more than five minutes at any location.

ARB staff is proposing to extend responsibility for complying with the requirements of the idling ATCM to the owner of the vehicle. Specifically, the owner may be held responsible for violations by the driver in instances where the owner failed to provide the driver with a compliant alternative to engine idling during rest periods. In addition, staff's proposal would require California-based shippers and California-based brokers to share responsibility for compliance with the idling restrictions in the event that they utilized the services of motor carriers that violated the regulation and/or they did not settle their outstanding fines.

### Workshop Agenda

The workshop will be divided into three sessions to facilitate independent discussion of the individual rules. The following agenda will be used for the workshop:

- 8:30 a.m. – 8:45 a.m.: Introduction and overview
- **8:45 a.m. – 10:30 a.m.:** **New engine and vehicle GHG regulation**
- 10:30 a.m. – 10:45 a.m.: Break
- **10:45 a.m. – 12:30 p.m.:** **Optional new engine NOx standards**
- 12:30 p.m. – 2:00 p.m.: Lunch
- **2:00 p.m. - 3:45 p.m.:** **Amendments to in-use tractor-trailer GHG and anti-idling regulations**
- 3:45 p.m. – 4:00 p.m.: Conclusion

Both sessions in the morning pertain to proposals that would affect new engine and vehicle manufacturers. The session in the afternoon pertains to in-use regulations on truck fleet owners and operators.

In each of the sessions, staff presentations for each proposal will be followed by an opportunity for public comment and discussion. The presentations, as well as any additional material, will be available prior to the workshop at these website addresses: <http://www.arb.ca.gov/cc/hdghg/hdghg.htm>, <http://www.arb.ca.gov/msprog/truck-idling/truck-idling.htm>, <http://www.arb.ca.gov/msprog/onroad/phaselghg/phaselghg.htm>, and <http://www.arb.ca.gov/msprog/onroad/optionnox/optionnox.htm> . The hard copy materials will also be available at each location on the day of the meeting.

If you did not receive this notice directly, but would like to be on the email list for future notification, please sign up via our website at:

- For tractor-trailer GHG regulation amendments:  
[http://www.arb.ca.gov/listserv/listserv\\_ind.php?listname=hdghg](http://www.arb.ca.gov/listserv/listserv_ind.php?listname=hdghg)
- For idling ATCM amendments:  
[http://www.arb.ca.gov/listserv/listserv\\_ind.php?listname=truck-idling](http://www.arb.ca.gov/listserv/listserv_ind.php?listname=truck-idling)
- For the new truck and engine GHG Phase 1 requirements:  
[http://www.arb.ca.gov/listserv/listserv\\_ind.php?listname=phaselghg](http://www.arb.ca.gov/listserv/listserv_ind.php?listname=phaselghg)
- For the new optional NOx engine standards:  
[http://www.arb.ca.gov/listserv/listserv\\_ind.php?listname=optionnox](http://www.arb.ca.gov/listserv/listserv_ind.php?listname=optionnox)

We welcome your participation in this effort. For specific questions regarding the new heavy duty engine and vehicle GHG regulation and the optional engine NOx standard, you may contact Ms. Kim Heroy-Rogalski, Manager of the Off-Road Implementation Section, by email at [kheroyro@arb.ca.gov](mailto:kheroyro@arb.ca.gov) or by phone at (916) 327-2200.

For questions regarding the in-use tractor-trailer GHG regulation amendments and the anti-idling ATCM amendments, you may contact Mr. Stephan Lemieux, Manager of the On-Road Heavy Duty Diesel Section, by email at [slemieux@arb.ca.gov](mailto:slemieux@arb.ca.gov) or by phone at (626) 450-6162.

Sincerely,

/s/

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

cc: Ms. Kim Heroy-Rogalski, Manager  
Off-Road Implementation Section

Mr. Stephan Lemieux, Manager  
On-Road Heavy Duty Diesel Section