



Air Resources Board



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Edmund G. Brown Jr.
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DATE: December 20, 2016

Mail-Out #MSC 16-16

TO: All Interested Parties

SUBJECT: PUBLIC WORKSHOP TO DISCUSS PROPOSED CALIFORNIA ADOPTION OF FEDERAL GREENHOUSE GAS (GHG) EMISSIONS STANDARDS FOR MEDIUM- AND HEAVY-DUTY ENGINES AND VEHICLES (PHASE 2) AND POTENTIAL AMENDMENTS TO THE TRACTOR-TRAILER GHG REGULATION

The California Air Resources Board (ARB or Board) invites you to participate in a public workshop to discuss the proposed California Phase 2 Greenhouse Gas (GHG) regulation and amendments to ARB's existing Heavy-Duty Vehicle GHG Emission Reduction Regulation (Tractor-Trailer GHG regulation).

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

- Areas where the new California Phase 2 regulation may differ from the federal Phase 2 Greenhouse Gas (GHG) Emissions Standards for Medium- and Heavy-Duty Engines and Vehicles (federal Phase 2) that the United States Environmental Protection Agency (U.S. EPA) adopted in October 2016. Staff plans to propose a California Phase 2 regulation that harmonizes with the federal Phase 2 regulation in structure, timing, and stringency. However, there will be minor differences to facilitate enforcement, align with existing California programs, and provide incentives for manufacturers to bring advanced technologies to the market. Discussion topics include possible differences in the engine and vehicle certification process, labeling, credits, vocational custom chassis provisions, and use of low global warming potential refrigerants.
- Amendments to ARB's Heavy-Duty Vehicle GHG Emission Reduction Regulation (Tractor-Trailer GHG Regulation) to align with the proposed California Phase 2 regulation and remove redundant portions.

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

Meeting Information

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

Date: Monday, February 6, 2017
Time: 9:30 a.m. to 4:30 p.m.
Place: Cal/EPA Headquarters Building
Sierra Hearing Room
1001 I Street, Second Floor
Sacramento, California 95814

This workshop is intended to be the only one prior to Board consideration of these proposals in October 2017, although, we plan to hold additional meetings with affected stakeholders as needed between now and the board date.

For those unable to attend in person, a live internet broadcast (webcast) of this workshop will be available at <https://video.calepa.ca.gov/>. Information on submitting questions and comments will be provided during the webcast for remote participants.

The agenda and any associated documents will be posted prior to the workshop on ARB's website at <https://www.arb.ca.gov/msprog/onroad/caphase2ghg/caphase2ghg.htm>.

Background

In December 2013, ARB harmonized with the federal Phase 1 GHG standards for medium- and heavy-duty engines and vehicles affecting the 2014 model year and extending through 2018 model year engines and tractors. ARB's adoption of California Phase 1 standards gave manufacturers the ability to certify in California and gave ARB the authority to enforce the regulatory requirements.

On October 25, 2016, the U.S. EPA published the final federal Phase 2 GHG standards. The federal Phase 2 standards are the second phase of federal heavy-duty GHG standards and build upon the federal Phase 1 standards. The federal Phase 2 standards will significantly reduce carbon emissions and dramatically improve the fuel economy for heavy-duty tractors, helping to reduce emissions that cause climate change. They establish national GHG emission standards that will begin in model year 2021 for new class 2b to 8 medium- and heavy-duty engines and tractors, and in 2018 model year for certain trailer types. The federal Phase 2 standards will be fully phased

in by model year 2027. As discussed above, ARB staff is proposing to harmonize the requirements of the proposed California Phase 2 rule with the federal Phase 2 rule in structure, timing, and stringency.

On December 11, 2008, the Board approved the Tractor-Trailer GHG regulation codified in sections 95300-95312 of title 17, California Code of Regulations, and later amended in 2010 and 2014. This regulation required owners of 53-foot or longer box-type trailers and owners of the heavy-duty tractors that pull them on California highways to utilize U.S. EPA SmartWay verified or designated technologies that will reduce GHG emissions and improve fuel efficiency. In December 2013, ARB staff harmonized the tractor requirements of the Tractor-Trailer GHG regulation with the requirements of the Phase 1 standards. Similar to ARB's Phase 1 alignment, ARB staff is also considering modifications to the existing Tractor-Trailer GHG regulation to harmonize with the federal Phase 2 trailer requirements.

Contact

We welcome and encourage your participation in this workshop. If you have any questions regarding the proposed California Phase 2 or potential regulatory changes to Tractor-Trailer GHG Regulation, please contact Mr. Alex Santos, Staff Air Pollution Specialist, at (626) 575-6682 or by email at alex.santos@arb.ca.gov or Ms. Mitzi Magtoto, Air Resources Engineer, at (916) 323-8975 or by email at mitzi.magtoto@arb.ca.gov.

If you wish to receive future information, please sign up on the following email lists:

- Proposed California Phase 2 GHG regulation
https://www.arb.ca.gov/listserv/listserv_ind.php?listname=caphase2ghg
- Potential amendments to tractor-trailer GHG regulation
https://www.arb.ca.gov/listserv/listserv_ind.php?listname=hdghg

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 10 business days before the scheduled meeting. If you are a person who needs assistance in a language other than English, please visit www.arb.ca.gov/eo/bilingual-services.htm or contact the Bilingual Coordinator by

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telephone at (916) 322-0473 no later than 10 business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

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Sincerely,

/s/

Jack Kitowski, Chief
Mobile Source Control Division

cc: Alex Santos
Staff Air Pollution Specialist
Mobile Source Control Division

Mitzi Magtoto
Air Resources Engineer
Mobile Source Control Division