



Upcoming California Diesel Regulations

Clean Vehicles California

A Fact Sheet of the Union of Concerned Scientists

As part of California's Diesel Risk Reduction Plan, the California Air Resources Board (CARB) has passed numerous regulations to clean-up diesel emissions from existing vehicles and equipment. Through these in-use regulations combined with new engine standards for diesel fueled vehicles and equipment, CARB plans to reduce diesel particulate matter (PM) emissions 85 percent below year 2000 levels by 2020.

The regulatory measures slated to be considered by CARB in 2007 and 2008 will address diesel emission sources that account for more than 75 percent of diesel pollution in the state. The largest sources are on-road and off-road diesel vehicles and equipment, accounting for 50 percent and 25 percent, respectively of diesel PM. In addition, marine sources that contribute significant pollution to communities at and near the state's ports will come under regulation. The success of the Diesel Risk Reduction Plan rests on the successful development, passage, and implementation of these measures in 2007 and 2008.

There are a number of opportunities to become involved in the development of these regulations and ensure the successful adoption of them by the Air Resources Board. Numerous public workshops are held during the development process where public comment is accepted. In addition, written comments can be sent to ARB board members before an item is heard. Testifying at the ARB hearing during public comment is one of the most effective ways to be sure that board members hear your concerns about the regulation.

To sign up for emails regarding the different regulations and topics at ARB, visit <http://www.arb.ca.gov/listserv/listserv.php>

To submit comments on ARB regulatory items, visit <http://www.arb.ca.gov/lispub/comm/bclist.php>

ARB Regulations Slated For 2007

Commercial Harbor Craft

Location: Sacramento

This regulation will reduce PM and NOx emissions from commercial harbor craft including tug boats, ferries, and other diesel marine harbor craft.

ARB Regulatory Information: <http://www.arb.ca.gov/msprog/offroad/marinevess/harborcraft.htm>

Scheduled Hearing Date: November 15

Port Truck Regulation

Location: Long Beach

A regulation is being developed to specifically address trucks servicing the port. Many port service trucks are owner-operated and face different economic realities than long-haul trucking companies. ARB has chosen to address these trucks separately from the remainder of highway trucks given the overwhelming impact of diesel pollution on port communities. A significant portion of the air quality bond funding approved by voters in November 2006 is expected to be used to help clean up this trucking segment.

Scheduled Hearing Date: December 6

ARB Regulatory Information: <http://www.arb.ca.gov/msprog/onroad/porttruck/porttruck.htm>

Shore Power Regulation

Scheduled Hearing Date: December 6

Location: Sacramento

This regulation aims to reduce emissions from ocean going vessels (OGV) docked in California ports. Increasing numbers of ships would be required to plug into electricity infrastructure, rather than idling main engines during the loading and unloading of cargo.

ARB Regulatory Information: <http://www.arb.ca.gov/ports/shorepower/shorepower.htm>

Marine Main Engine Fuel Regulation

Scheduled Hearing Date: December 6

Location: Sacramento

ARB is developing this regulation to reduce emissions from OGVs through the requirement of cleaner marine fuels. The fuel used to power ships has very high levels of sulfur, which leads to high emission rates of sulfur dioxide and particulates. Over 50 percent of Port related emissions in Los Angeles and Long Beach were from ships entering and leaving the port. Using cleaner fuels in these vessels alone could reduce sulfur dioxide and PM by more than 80%.

ARB Regulatory Information: <http://www.arb.ca.gov/ports/marinevess/marinevess.htm>

ARB Regulations Slated For 2008

On-Road Heavy-Duty Truck In-Use Regulation

Scheduled Hearing Date: Summer

Location: TBD

This regulation is intended to reduce emissions from on-road heavy-duty diesel trucks and buses that are already on the road. The regulation is currently under development, and will likely require retrofits with diesel particulate filters, and early retirement of the oldest trucks. The rule is complicated by the large number of out of state trucks which enter CA on a daily basis.

ARB Regulatory Information: <http://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm>

10/25/07

