



Air Resources Board



Matthew Rodriguez
Secretary for
Environmental Protection

Mary D. Nichols, Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov

Edmund G. Brown Jr.
Governor

July 21, 2017

To All Interested Parties:

The California Air Resources Board (CARB) invites you to participate in two public workshops to discuss the development of a measure to Reduce Residual Risk from Transport Refrigeration Units (TRU) by Transitioning to Zero Emission Technologies. The emissions from TRUs and TRU generator sets contribute to unacceptable health risks and must be further reduced to protect nearby communities.

This is the second in a series of workshops CARB staff will hold on the development of a measure to limit the amount of time that internal combustion engine-driven TRUs and TRU generator sets operate while they are stationary, as well as require an overall zero-emission mode operating time. At the workshops, staff will discuss preliminary concepts developed since the first workshop held in April 2016. This includes staff's conceptual ideas on a phased implementation schedule for stationary operating time limits and zero emission mode operating percentages, as well as equipment and facility registration requirements, current incentive funding programs, and enforcement options. Staff will also present their findings from surveys conducted since the last workshop.

Staff welcomes comments on the proposed concepts and looks forward to your participation. In addition to these workshops, CARB will also be hosting community meetings in September to talk with residents living near seaports, railyards, and warehouses/distribution centers about actions to reduce the health impacts from these operations. For these future meetings, we plan to have breakout sessions where participants can gather in smaller groups to discuss their views and raise questions with CARB staff. To receive notices of upcoming meetings, please sign up for the list serve at: https://www.arb.ca.gov/listserv/listserv_ind.php?listname=tru.

Workshop Information

The workshops will be held at the locations and dates shown in the table below. Both workshops will follow the same format and present the same material. For those unable to attend in person, the Sacramento workshop will be webcast.

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

The staff presentation will be posted by August 1, 2017 on CARB's website at: <https://www.ca.gov/cc/cold-storage/cold-storage.htm>. This notice and the staff presentation will also be available in Spanish.

Date	Time	Location
Wednesday August 16, 2017	9:30 am – 11:30 am	Sacramento California Environmental Protection Agency Headquarters Sierra Hearing Room 1001 I Street Sacramento, California 95814 Live Video/Audio Webcast Option For those unable to attend in person, a webcast will be available for this meeting. The webcast can be accessed on the day of the meeting at: https://video.calepa.ca.gov/ .
Friday August 18, 2017	1:00 pm – 3:00 pm	Riverside Riverside County Administration Center 4080 Lemon Street, 1 st Floor Riverside, California 92501

Background

TRUs are refrigeration systems designed to control the environment of temperature sensitive products transported in trucks, trailers, shipping containers, and railcars. TRU generator sets are internal combustion engine-powered generators designed to provide electric power to electrically driven refrigeration units of any kind. TRUs and TRU generator sets emit diesel particulate matter, oxides of nitrogen, greenhouse gases, and other pollutants while in transit and during stationary operation. This includes use on the road as well as stationary operation at refrigerated distribution centers, grocery stores, warehouses, ports, rail yards, and other locations that are often in close proximity to schools, hospitals, elder care facilities, and residential neighborhoods. The emissions from TRUs and TRU generator sets pose a potential threat to both public health and the environment.

CARB adopted the TRU Airborne Toxic Control Measure in 2004 (and amended in 2010 and 2011) to reduce diesel particulate matter emissions from TRU and TRU generator set engines. Despite the progress made, TRU and TRU generator set emissions still contribute to unacceptable health risks and must be further reduced to protect nearby communities. The concepts that will be discussed at this workshop go beyond the current TRU Airborne Toxic Control Measure (title 13, California Code of Regulations,

section 2477) to limit the amount of time that internal combustion engine-driven TRUs and TRU generator sets operate while they are stationary, as well as require an overall zero-emission mode operating time. Additionally, CARB's 2017 Revised State Implementation Plan includes a provision for a TRU control measure to help achieve 2031 emission reduction goals for Particulate Matter less than 2.5 microns (PM2.5), Oxides of Nitrogen (NOx), and Reactive Organic Gasses (ROG).

Special Accommodation Request

If you require a special accommodation or need this document in an alternate format (i.e. Braille, large print) or another language, please contact Ms. Lea Yamashita at (916) 323-0017 or email Lea.Yamashita@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.

Para solicitar estas comodidades especiales o necesidades de otro idioma, favor de contactar a Lea Yamashita al (916) 323-0017 o Lea.Yamashita@arb.ca.gov lo más pronto posible, pero no menos de 10 días de trabajo antes de la junta programada. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.

For More Information

For more information, please visit CARB's website at:
<http://www.arb.ca.gov/cc/cold-storage/cold-storage.htm>.

We welcome and encourage your participation in this effort. If you have questions about the workshops, please contact Ms. Lea Yamashita at (916) 323-0017, or via email at Lea.Yamashita@arb.ca.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Heather Arias", followed by the word "for," in a cursive script.

Heather Arias, Chief
Freight Transport Branch
Transportation and Toxics Division