

Stockton CSC Requested Action Items

CSC Meeting #25, October 6, 2021, 5-7 p. m.

California Air Resources Board (CARB) Enforcement Measures:

CARB regulations require vehicle and equipment owners and operators to replace their older, dirty diesel engines with modern emission-controlled engines, and operate them with cleaner fuels. These regulations reduce toxic diesel particulate matter and other emissions by about 90 percent and are effective in reducing health risks in all communities statewide. Currently, there is a 98 percent compliance rate for trucks and buses throughout California, and CARB will continue to enforce the regulations to ensure compliance.

The Portable Emission Acquisition System (PEAQS) measures vehicle exhaust as vehicles pass under the system. Heavy-duty diesel trucks are directed out of regular traffic to pass under PEAQS. CARB Enforcement staff monitor the emission readings as trucks go through the system. We look for the highest emitters and request the California Highway Patrol (CHP) pull the vehicles over so CARB staff can conduct a full vehicle inspection and ensure compliance with the Heavy-Duty Vehicle Inspection Program. Inspections consist of tampering checks and smoke opacity measurements, Statewide Truck & Bus, SmartWay, and Transport Refrigeration Unit compliance. A short video explaining the PEAQS system is located here: [PEAQS Demonstration Video](#).

More information on mobile diesel programs is located here: [Diesel Enforcement](#).

List of Action Items:

- Consider PEAQS deployment in the near future
 - CARB can deploy PEAQS in the Stockton community. PEAQS development takes time and involves coordination between the community, CARB Enforcement, and CHP. CARB will work with the community to identify possible locations, where there is a lot of truck traffic, to deploy the system. The deployment location must be located on the roadside and have enough room to ensure the safety of the drivers, inspectors, and CHP. PEAQS is designed to locate trucks that are not well-maintained and the remaining two percent of non-compliant trucks operating in California. Considering that PEAQS is just one tool, CARB Enforcement would like to ultimately know what the community's biggest concerns are with heavy-duty vehicles. For example, many of the community's concerns are related to trucks driving through neighborhoods not designated as truck routes, newly permitted facilities that do not take into consideration the increased truck traffic, and heavy-

duty diesel vehicles parking illegally. CARB can help resolve these issues and wants to work with the community to identify specific locations of concern and develop work plans.

- Provide a meaningful incentive to help replace high polluting trucks using AB 617 dollars
 - CARB can help the community identify fleets operating locally that may qualify for AB 617 dollars.
- Share Stockton PEAQS data with the Air District to use data in assisting with devising truck incentives
 - PEAQS data is mostly confidential because the system uses a license plate reader and there are rules in place to protect personal information. CARB will evaluate the data to see if there is a way to share data, maintain privacy, and help inform incentive strategies.
- Recommend incorporating a learning metric for the CAMP/Heavy-Duty Trucks subcommittee related to PEAQS data
 - CARB will approach the monitoring team for input on deployment locations and identify other ways to work together to interpret and share data.
- CARB will follow up on availability for PEAQS data for Stockton area
 - CARB will continually update the community on progress with PEAQS deployment. Currently CARB does not have any PEAQS data available for the Stockton area, but as the PEAQS system is deployed, CARB will share as much information as possible with the community.