

California Air Resources Board Advanced Clean Trucks Regulation

The California Air Resources Board (CARB) approved a resolution to adopt the Advanced Clean Trucks (ACT) Regulation on June 25, 2020. The ACT regulation is part of an approach to accelerate a large-scale transition to zero-emission medium- and heavy-duty vehicles. The regulation requires manufacturers to sell zero-emission (i.e., electric) trucks, buses, vans, and other medium- and heavy-duty vehicles as an increasing percentage of their annual California sales from 2024 to 2035. The second component requires large fleet owners, including local jurisdictions, to submit a report on existing fleet operations to CARB in 2021. The resolution directs CARB staff to take steps to electrify medium- and heavy-duty vehicles by 2045, with an earlier transition for refuse trucks and government fleets by 2040. The resolution also directs CARB staff to develop regulations to ensure that public and private entities purchase electric vehicles to transition their medium- and heavy-duty fleet by 2045.



The ACT regulation will require refuse trucks to transition to electric by 2040.

CARB's resolution to electrify trucks will reduce the market for renewable natural gas (RNG) vehicle fuel. Anaerobic digestion (AD) infrastructure is financed based on the production and sale of RNG as a fuel for trucks, including refuse trucks. If trucks are no longer allowed to include RNG vehicles, it may no longer be financially viable to operate existing AD infrastructure and developers may not be able to secure financing for new AD infrastructure.

For more information on the ACT Regulation, please visit <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-trucks>.