

Proposed Amendments to the California Zero Emission Vehicle Regulation Cal. Code Regs. tit. 13, § 1962.1 (2014)

This document includes proposed amendments to one section of California Code of Regulations, Title 13, Division 3, Chapter 1, Article 2. Immediate adoption is requested.

Summary

If adopted, the manufacturer of a qualifying *ultra-fast refueling zero-emission vehicle* would receive two additional zero-emission vehicle (“ZEV”) credits. To qualify, a ZEV must be able to accumulate at least 150 miles of urban dynamometer driving cycle (“UDDS”) range in 45 seconds or less. Also, the requirements set forth within subdivision 1962.1(d)(5)(B) (that actual fast refueling events be demonstrated) are incorporated by reference.

Rational

These amendments would further the California Air Resources Board’s ZEV mandate of rapidly expanding the number of electric vehicles (“EVs” for plural, “EV” for singular) available to consumers.

Although one of the greatest impediments to EV adoption by consumers is the unacceptably long timespan required for EV refueling, the refueling speed impediment can be entirely eliminated by technologies that reduce the length of refuel time to a fraction of the time needed for a gasoline car to be refueled.

By providing additional ZEV credits for such ultra-fast refueling technologies, the California Air Resources Board incentivizes EV manufacturers and vendors to adopt and these technologies, consequentially making EVs more attractive to consumers.

Legend

Underline text indicates proposed additions. ~~Strikethrough~~ text indicates proposed deletions. “* * *” indicates parts or subsections for which no changes are proposed. Text not underlined indicates current law as of September 12, 2014. *Italics* text indicates headings.

Cal. Code Regs. tit. 13, § 1962.1 (2014)
Zero-Emission Vehicle Standards for 2009 Through 2017 Model
Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles.

(d) *Qualification for ZEV Multipliers and Credits.*

* * * *

(5) *Credits for 2009 through 2017 Model Year ZEVs.*

* * * *

(H) *Additional ZEV Credits for Ultra-Fast Refueling ZEVs.*

1. *Requirements.* A 2014 through 2017 model-year Type III, Type IV, or Type V ZEV shall be deemed an ultra-fast refueling ZEV and qualify for 2 additional ZEV credits if the ZEV has the capability to accumulate at least 150 miles of UDDS range in 45 seconds or less.

2. *Applicability of Terms from the “Fast Refueling” Subdivision.* All definitions, examples, requirements, conditions, limitations, restrictions, standards for documentation, submission requirements, and application protocols, listed within subdivision 1962.1(d)(5)(B), shall apply to and are incorporated by reference within subdivision 1962.1(d)(5)(H).