

Proposed Modifications to the Zero Emission Vehicle Regulation Fast Refueling – Battery Exchange

Public Workshop
California Air Resources Board
June 5, 2015

To Send Us Your Comments During the Workshop

Email us at:

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Agenda

- ▶ Background
- ▶ Fast Refueling Proposed Modifications
- ▶ Standardized Regulatory Impact Assessment (SRIA) Process
- ▶ Rulemaking Timeline

Background: 2013 ZEV Rulemaking (October 2013 Board Hearing)

- ▶ Staff proposed removing battery exchange from qualifying for fast refueling ZEV credits
- ▶ Board directed staff to incorporate changes such that:
 - Fast refueling is awarded on actual use, and
 - Is fuel neutral
- ▶ Adopted modifications to count up to 25 battery exchange events/vehicle over a 12 month period
- ▶ Applicable to 2015 through 2017 Model Year (MY) vehicles

Background: 2014 ZEV Rulemaking (October 2014 Board Hearing)

- ▶ Board members expressed concern that final language did not meet their direction and could lead to excessive credit generation
- ▶ Board directed staff to develop a new proposal for fast refueling credits:
 - Vehicles earn no more than nine credits, depending on ZEV type
 - Vehicles demonstrate multiple battery exchange events before credits are awarded
 - Credits are assigned to one vehicle only
 - Robust reporting mechanisms to minimize excess credit generation (gaming)
 - Sunset current battery exchange rule as quickly as possible

Proposed Modifications

- ▶ Modify language to only allow credit generation for one battery exchange per vehicle
- ▶ Modifications would affect 2017 MY
- ▶ Provide clarity where needed within regulatory language

New Regulatory SRIA Process

- ▶ A major regulation (> \$50 million) requires the Standardized Regulatory Impact Assessment (SRIA) to be completed
- ▶ Initial potential economic impact estimates for this proposal make this a major regulation
- ▶ SRIA economic alternative scenarios were solicited via the ZEV Listserve on March 27th – No alternatives were received
- ▶ SRIA will be sent to DOF on Friday, June 19th - DOF will have 30 days to comment and ARB staff will have 30 days to respond
 - http://www.dof.ca.gov/research/economic_research_unit/SB617_regulation/2014_Major_Regulations/

Process Timeline

- ▶ Public notice and staff ISOR to be released: September 1st, 2015
- ▶ Board Hearing: October 22 & 23, 2015

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