Public Hearing to Consider Amendments to the Advanced Clean Car Regulations to Incorporate the New Federal Motor Vehicle Greenhouse Gas Emission Standards

Sacramento, California
November 15, 2012
Summary: Today’s Proposal

- Allows vehicle manufacturers to comply with U.S. EPA GHG requirements in lieu of ARB requirements for MY 2017-2025
  - Current ARB regs. allow this for MY 2012-2016
  - Fulfills a commitment made last year
  - Will provide equivalent GHG emission reductions
- ARB GHG regs. remain on the books
- Doesn’t affect other ARB regs.
  - LEV 3 criteria emissions
  - ZEV 2 requirements
Background

» **May 2010: Presidential Memorandum**

» **2010-2011: Federal/California technical coordination**
  > Sept. 2010: Joint report lays out what is feasible and cost effective
  > July 2011: Agreement on standards reached; announced in Rose Garden and Notice of Intent
  > Aug. 2011: EPA notice of proposed rulemaking issued

» **Final rules adopted**
  > Jan. 2012: ARB
  > Oct. 2012 EPA
Overview of California’s Post-Rose Garden Commitments

1. Not oppose federal 2017-2025 MY GHG standards if substantially same as July 2011 Notice of Intent (NOI) ✓

2. Revisions to ZEV program for the 2018-2021 MYs to allow over-compliance with the federal GHG standards to reduce in part a manufacturer’s ZEV obligation ✓

3. Adopt federal GHG standards option for 2017-2025 MYs if substantially same as July 2011 NOI ❏
Differences Between the Federal and California GHG Standards Remain

» Federal program does not account for upstream GHG emissions of advanced vehicle technologies.

» Federal program provides vehicle multipliers for advanced technology vehicles.

» Minor differences in how credits are earned for off-cycle and air conditioning technologies.
California GHG Standards
43 MMT reduction without “deemed to comply” provision
4.5% loss in benefit in CA with “deemed to comply provision”

National GHG Standards
569 MMT reduction
Minor Changes to Regulations

- Changes to the CO Standards for MDVs

- Changes to the High Mileage Testing Requirements

- Additional minor modifications to regulations
Proposed 15-Day Changes

» Additional flexibility for LEV II SULEVs during the transition to LEV III

» Additional clarifying and non-substantive modifications
Relationship to Pending ACC Waiver

» Waiver request submitted to U.S. EPA in May, 2012
» California’s program meets waiver test now
» No basis exists to deny California’s request, USEPA must grant a waiver for LEV III/GHG and ZEV for all MYs
» Nevertheless, if current proposal approved, U.S. EPA may consider its adoption.
Summary

» Proposal implements final California commitment to the 2017-2025 MY National GHG Program

» No significant environmental or economic impact of proposal

» Staff recommends adoption of the staff proposal