

**Preliminary Summary of Air Resources Board Action (3/27/08)
- Zero Emission Vehicle (ZEV) Program -**

- ☒ Keep unchanged the requirement that vehicle manufacturers produce at least 25,000 ZEVs during 2012-14, and 50,000 ZEVs from 2015-17.
- ☒ Increase flexibility by providing a new option to the above requirements. The new option allows manufacturers in 2012-14 to produce a greater number of plug hybrid electric vehicles¹ (58,000) or similar vehicles if 7,500 pure ZEVs are also produced. In 2015-17 25,000 pure ZEVs would be required if this option is taken.
- ☒ Depending on which option is taken, the range of vehicles expected to be produced in 2012-14 will be 25,000 to 66,000. The previous requirement was 25,000.
- ☒ Increase the credit for long range FCVs from 5 to 7 credits and redefine long range to 300 miles.

	Gold Vehicles	Silver + Vehicles (e.g. plug hybrids)
New option	7,500 (current FCV), or 5,357 (long range FCV), or 12,500 (100 mile range BEV)	58,333
OR		
Existing reqm't (unchanged)	25,000	0

¹ Battery electric vehicle with an engine that allows continued operation when the battery runs low.
Note: FCV is a fuel cell vehicle; BEV is a battery electric vehicle.

- ☒ Redesign the ZEV program by the end of 2009 so it will affect the 2015+ model years. The redesign should place the bronze requirement (super-clean conventional vehicles) in the LEV program to further reduce smog emissions, the silver requirement (regular hybrids such as the Prius, and natural gas vehicles) in the Pavley program to reduce GHG emissions in the near term, and greatly strengthen the gold requirement to meet the need of moving advanced, low GHG technology vehicles from the laboratory and demonstration phase to commercialization, where they are critical to achieving the Governor's GHG emission reduction goals.

- ☒ Make the credit banks of manufacturers fully transparent, including trades, beginning in model year 2010.

- ☒ Do not revise the Intermediate Volume Manufacturer transition, which provides six years lead time before becoming subject to the ZEV requirements for a large volume manufacturer.

- ☒ In the 15 day comment period,
 - Consider additional credit for plug HEVs that can drive the US06 cycle on electricity. One to three tenths of a credit is the possible change.
 - Review the comments of the Union of Concerned Scientists and the Natural Resources Defense Council (March 26, 2008) regarding potential changes to the regulations, and propose revisions in the 15 day process if appropriate.
 - Consider applying a multiplier to battery electric vehicle credits earned in 2009-11 that are used to meet non-gold obligations for Intermediate Volume Manufacturers, in order to assure there is not a disincentive to produce gold vehicles.

- ☒ Other actions:
 - Develop a program which would assure the availability of alternative fuels needed by ZEVs. Return to the Board with regulations, as appropriate.
 - Consider in the redesign of the program the metric for determining performance of plug HEVs (electric range vs usable battery energy).