

CARB's Proposed GHG Mitigation Actions

California Legislative Analysis Document (2010)

(http://www.lao.ca.gov/reports/2010/rsrsrc/ab32_impact/ab32_impact_030410.aspx)

As required, the draft SP provided an estimate of California's GHG emissions in 1990, outlined the GHG emissions reduction measures under consideration by CARB, and discussed the preliminary estimates of the costs, savings, and other effects associated with implementation of the plan. The CARB's SP includes a number of different measures to reduce GHGs. These include a combination of direct regulations and mandated requirements affecting energy efficiency and consumption, along with actions to provide price incentives for energy efficiency and GHG reductions through directly influencing energy costs. As shown in Figure 1 (please see next page), about 85 percent of the required reduction in GHGs mandated under AB 32 is estimated by CARB to be accounted for by six key measures.

Figure 1

Proposed Measures to Reduce Greenhouse Gases (GHGs)

Type of Measure	Percent Share Of Total Reduction ^a
Cap-and-trade program	19.8%
Light-duty vehicle GHG emission standards ^b	18.2
Energy efficiency (including relating to buildings and heating)	15.1
Renewables portfolio standard (33 percent by 2020) ^c	12.1
High global warming potential gas measures	11.6
Low carbon fuel standards ^d	8.6
All other ^e	14.6
Total	100.0%

^a Reduction from 2020 level that would exist if AB 32 were not in place.

^b Reflects impact of Chapter 200, Statutes of 2002 (AB 1493, Pavley).

^c Reflects Executive Orders S-14-08 and S-21-09.

^d Reflects Executive Order S-01-07.

^e Includes, among others, sustainable forest measures, regional transportation-related targets, other vehicle efficiency measures, and efficiencies in the movement of goods.