



Release 07-36  
**FOR  
IMMEDIATE  
RELEASE**  
September 7, 2007

Leo Kay  
Gennet Paauwe  
(916) 322-2990

[www.arb.ca.gov](http://www.arb.ca.gov)

## **ARB Staff Proposes to Triple Early Action Measures Required Under AB 32**

Projects would net more than 7 million metric tons of additional greenhouse gas emissions

SACRAMENTO - As part of California's historic effort to curb global warming gases, Air Resources Board (ARB) staff today proposed to nearly triple the set of early measures to help meet the state's goal of reducing greenhouse gas emissions roughly 25 percent by 2020 as required by the Global Warming Solutions Act (AB 32).

In addition, ARB staff proposed an additional set of measures today that go above and beyond the narrow requirements of the law. New proposals are expected to reduce greenhouse gases from the trucking industry, greener ports, cement and semiconductor industries, and consumer products. [Full list is attached.]

"Today's announcement sets the stage for another step forward in achieving our goal to return the state's greenhouse gas emissions to 1990 levels by 2020," said ARB Chairman Mary Nichols. "Every single action we take – government, businesses, municipalities and individuals alike – makes a difference toward ultimately cooling our planet. California is showing the country and the world that we can and will help reverse the ominous tide of global warming."

These newly proposed early action measures are projected to reduce 2.8 million metric tons of annual greenhouse gas emissions. Combined with the early action measures adopted by the Board in June – a low carbon fuel standard, restrictions in do-it-yourself air conditioner repairs and methane capture from landfills – ARB now has measures in the works to reduce statewide greenhouse gas emissions by nearly 16 million metric tons.

The proposed early actions combined with other measures proposed by the larger Climate Action Team could reduce greenhouse gas emissions by more than 36 million metric tons by 2020, roughly 21 percent of the total needed to meet AB 32's goal of rolling back emissions to 1990 levels. This lays a solid foundation for obtaining the necessary reductions needed to meet AB 32 requirements.

The Board will vote on additional proposed measures in Sacramento on Oct. 25 and 26. In the meantime, ARB staff will hold a workshop on the new proposed measure Sept. 17 in Sacramento to discuss specifics and solicit additional input from stakeholders.

Governor Schwarzenegger signed the Global Warming Solutions Act on Sept. 26, 2006, establishing the world's most comprehensive greenhouse gas reduction initiative. The law requires the ARB to implement a statewide greenhouse gas emissions reduction strategy. In addition, the Governor directed the members of the Climate Action Team to work alongside the ARB to reduce greenhouse gas emissions from their respective jurisdictions.

A summary table of these actions is available at the following link:

<http://www.arb.ca.gov/newsrel/nratt090707.htm>

For more information about climate change programs, see: <http://www.arb.ca.gov/cc/cc.htm>

*The Air Resources Board is a department of the California Environmental Protection Agency. ARB's mission is to promote and protect public health, welfare, and ecological resources through effective reduction of air pollutants while recognizing and considering effects on the economy. The ARB oversees all air pollution control efforts in California to attain and maintain health based air quality standards.*

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy cost, see our web site at: <http://www.arb.ca.gov>*

#####

## AB 32 – Staff Proposed Additional Early Action Items

### Group 1: Discrete Early Actions

Name	Summary	Estimated Reduction (in million metric tons CO <sub>2</sub> equivalent)
SF <sub>6</sub> reductions from non-electricity sector	Ban the use of Sulfur Hexafluoride from non-essential applications if viable alternatives are available.	TBD
Reduction of emissions from consumer products	Establish standards to reduce emissions from aerosols, tire inflators, electronics cleaning and dust removal products.	0.3
Smartway Truck Efficiency	Require existing trucks and trailers to be retrofitted with devices that reduce aerodynamic drag.	1.3
Tire inflation	Require tune-up and oil change technicians to ensure proper tire inflation as part of overall service.	0.2
Reduction of PFCs from semiconductor industry	Establish standards to reduce emissions of perfluorocarbons in the semiconductor industry.	0.5
Green ports	Allow docked ships to shut off their auxiliary engines by plugging into shoreside electrical outlets or other technologies.	0.5
	Estimated reductions	2.8

### Group 2: Other Early Actions

Name	Summary	Estimated Reduction (in million metric tons CO <sub>2</sub> equivalent)
Refrigerant tracking, reporting and recovery program	Enhance monitoring, enforcement and recovery of refrigerants, including hydrofluorocarbons	1.25
Energy efficiency of California cement facilities	Improve energy efficiency practices and technologies	2
Blended cements	Allow increased use of cement blending with materials such as fly ash, limestone and slag in the production of Portland cement.	0.5
Anti-idling enforcement	Increase compliance with existing anti-idling regulations.	0.7
Research regarding nitrogen land application efficiency	Conduct research to understand how to reduce nitrous oxide emissions from fertilizer applications.	TBD
	Estimated Reductions	4.45
	Total Estimated Reductions	7.35

*A "discrete early action meets the legal definition in Health and Safety Code Section 38560.5. Discrete early actions are regulations that will be adopted and enforceable by the Board by January 1, 2010*