

Fuels Workshop on Regulatory and Non-Regulatory Fuels Activities for 2006

November 16, 2006

California Environmental Protection Agency



Air Resources Board

Agenda

- Introductions and Schedule
- Gasoline
 - Proposals for Flexibility, Enforceability, and Consistency
 - California Predictive Model
 - Reactivity
 - Statistical Work
- Alternative Fuels
 - Biodiesel
- Presentations by Others
- Open Discussions
- Closing Remarks



Future 2006 Workshop

- ☞ Staff is proposing the next workshop to be on Tuesday, December 19, 2006 in the MLD North and South Room (13th and T street).
 - Morning or Afternoon?
 - This workshop will not be webcast. All meetings will be available by conference call.
 - Next workshop will be scheduled based on progress



**Proposal for Flexibility,
Enforceability, and Consistency**



Predictive Model Development

A map of the state of California is shown in a light blue color, centered on a dark blue background. The map is oriented vertically, with the northern part at the top and the southern part at the bottom.

Predictive Model: Reactivity of Evaporative Emissions

Reactivity SubGroup



- Anil Prabhu, Ph. D.
- Dongmin Lou, Ph. D.
- Gary Whitten, Ph. D.
- Cynthia Williams
- Rory Macarther
- Paul Wuebben
- Steve Brisby
- Jim Uihlein

Reactivity

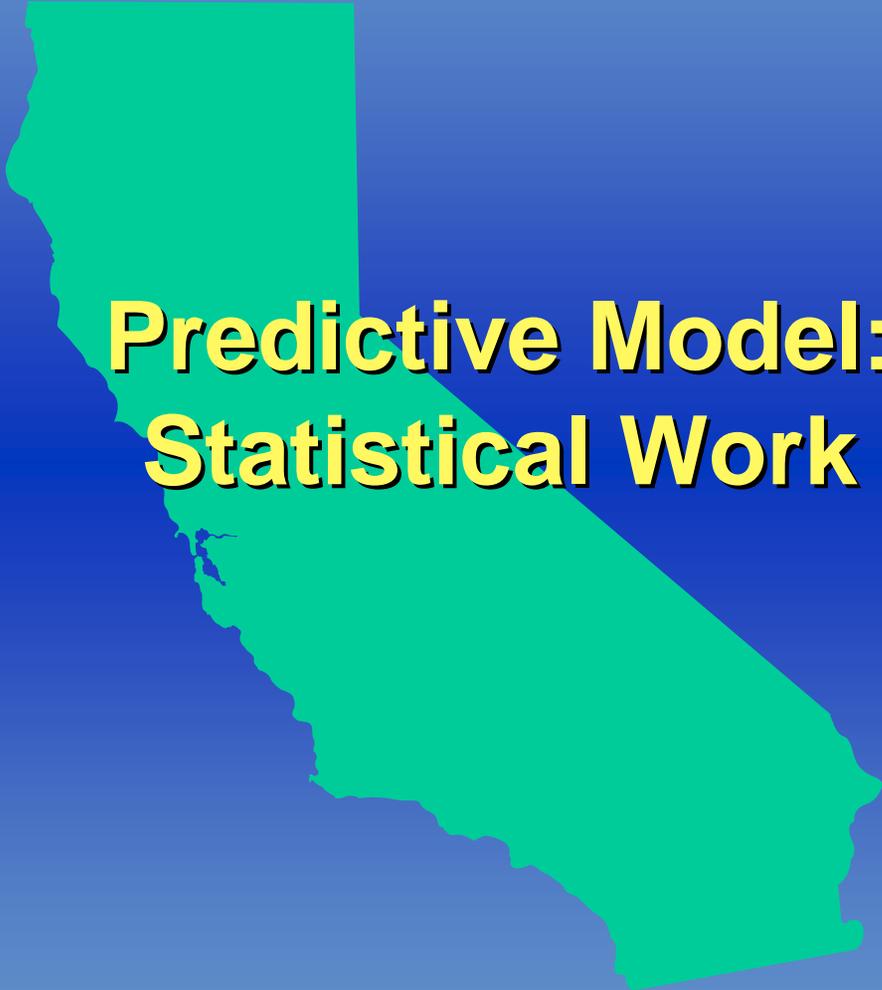
☞ Evaporative

- Removed methanol and methane
- In the process of getting MTBE in-use testing data from 2000-2003

☞ Exhaust

- Getting MTBE data



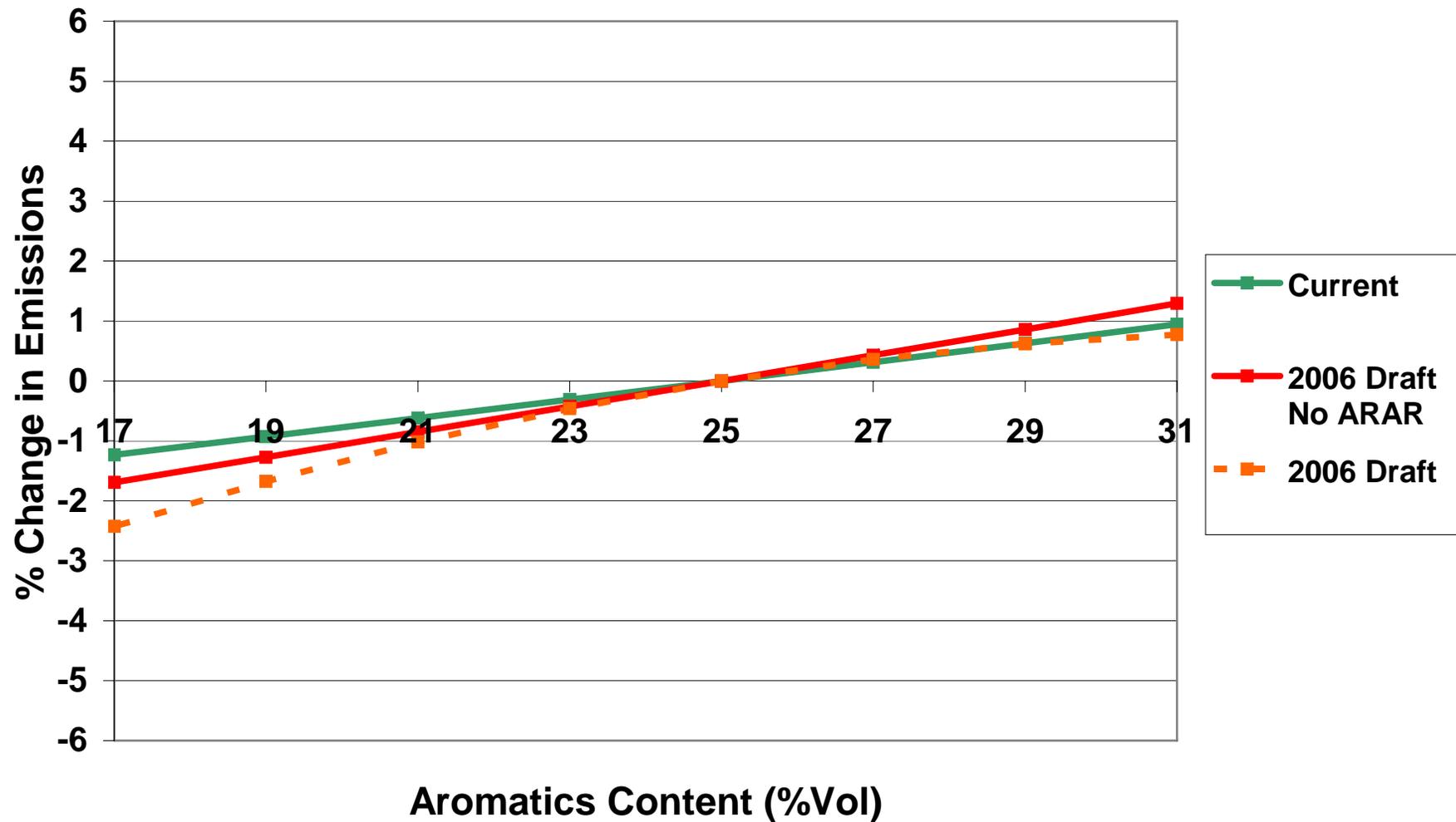
A solid red map of the state of California is positioned in the center-left of the slide. The text 'Predictive Model: Statistical Work' is overlaid on the map in a bold, black, sans-serif font.

Predictive Model: Statistical Work

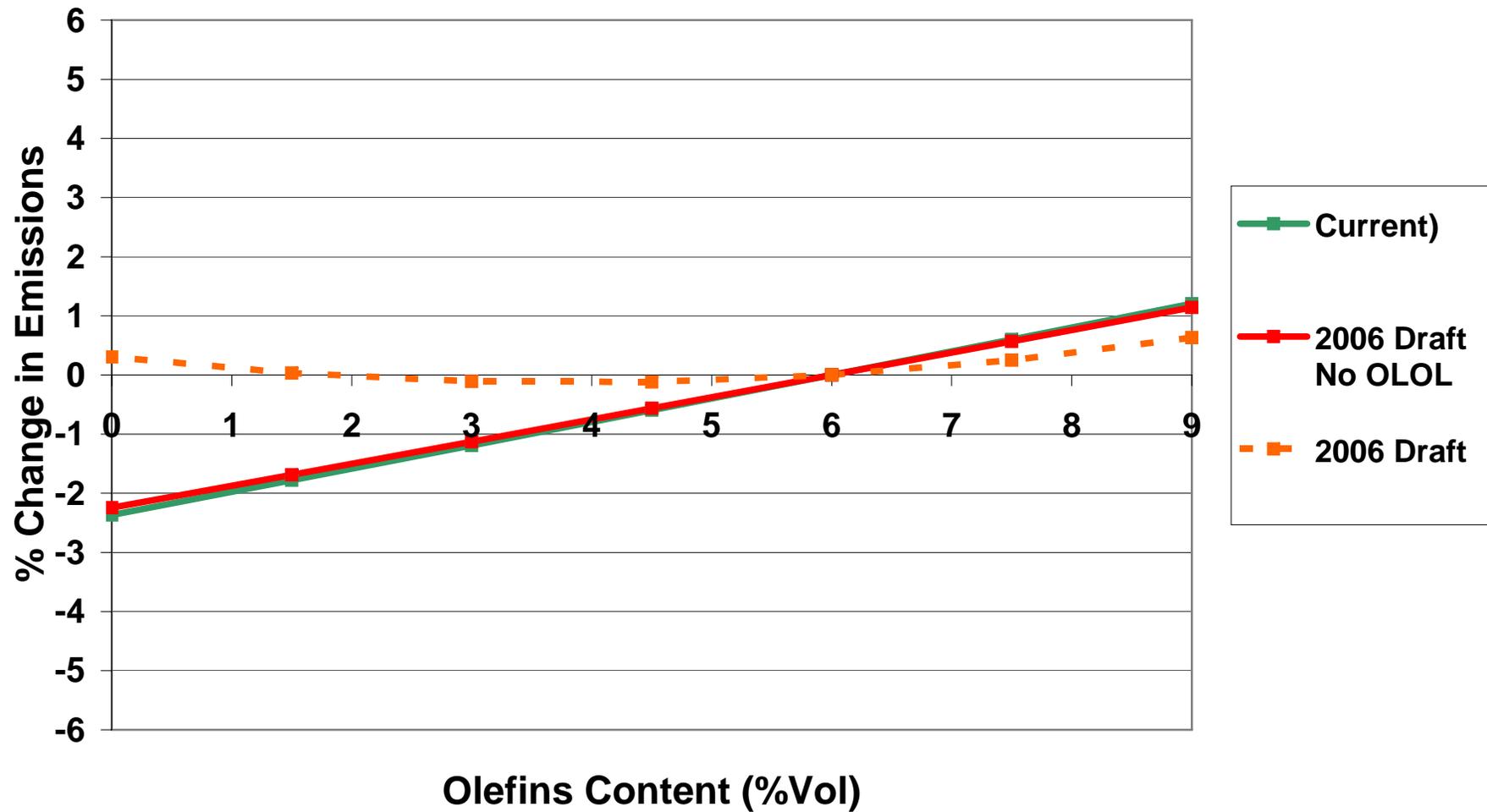
NOx and THC Responses

- WSPA asked staff to investigate the Olefins and Aromatics/NOX response
- Olefins response inconsistent with Auto/Oil study
- Staff is working with statistical subgroup to resolve issues.
- Staff asked to look into the T50/THC response

NOx Response to Aromatics (All Other Fuel Properties @ Flat Limits)



NOx Response to Olefins (All Other Fuel Properties @ Flat Limits)



A solid red silhouette of the state of California is centered on the slide. The text "Emissions Inventory" is overlaid on the map.

Emissions Inventory



Alternative Fuels: Biodiesel

Biodiesel

- On November 14, 2006 Staff released the **Revised ARB Draft Advisory on Biodiesel Use.**

<http://www.arb.ca.gov/fuels/diesel/altdiesel/altdiesel.htm>

- All comments are requested to be received by December 5, 2006. Comments should be sent to:

Robert Okamoto

Industrial Section

Air Resources Board

P.O. Box 2815

Sacramento, California 95814

or email to: rokamoto@arb.ca.gov

Biodiesel

- ➔ Division of Measurement Standards Contact
 - Laurene Chiesa
Acting Chief, Weighmaster Enforcement/
Petroleum Products Branch

ph. (916) 229-3039



Presentations by Others

Open Discussions

Closing Remarks