

California Global Warming Solutions Act of 2006

Greenhouse Gas Mandatory Emissions Reporting

Reporting Greenhouse Gas Emissions Under AB 32

Preliminary Discussion Concepts



climate
CHANGE

 California Environmental Protection Agency
AIR RESOURCES BOARD

Briefing for CA Registry Members
April 19, 2007

Workshop Overview

- AB 32 Reporting Requirements
- Concepts for Mandatory Reporting
- Protocols, Verification Options
- Next Steps and Schedule

AB 32 Requirements: Reporting



AB 32 Statutory Requirements

- Regulation by January 1, 2008
- Begin with sources contributing the most to statewide emissions
- Account for all electricity consumed
- Use Registry protocols
- Provide reporting tools

Mandatory Reporting Preliminary Concepts



Key Questions

- Who is subject to reporting
- Scope of reporting
- Timing and tools
- Role of Registry protocols
- Verification process

Potential Sources Covered

- Electric power generators/utilities
- Oil refineries
- Cement manufacturers
- Industrial/commercial combustion
- Oil and gas production/distribution
- Landfills
- Others may be considered

Initial Thinking on Scope

- CA emissions only
(except power imports)
- Direct emissions and indirect electricity emissions
- Operational or financial control
(not equity basis)
- Annual updates, calendar year basis

Regulation Level of Detail

- Who is required to report, and when
- Geographic and organizational boundaries
- Which emissions processes
- Formulas for calculation

Timing

- ARB regulatory hearing: Dec 2007
- Effective date (OAL approved): 2008
- Earliest reporting: 2009
- Reporting may phase in as protocols developed

Reporting Tools

- Timing limits initial tool choices
- CA Registry tool (CARROT) appears best option so far
- Some modifications expected pending final Board action

Role of Protocols

- Existing protocols provide emission estimation techniques
- Key elements would be regulatory
- Protocols may provide additional technical guidance
- Additional protocols under development

Protocols Done or Underway

- General Reporting
- Power/Utilities
- Cement Production
- Forest Sector
- Refineries
- Natural Gas Transmission and Distribution

Verification Options

- Third party
- ARB audits
- Combination of methods
- Need to consider frequency, costs and scope

Next Steps and Schedule



Next Steps and Schedule

- Meetings with stakeholders and public ongoing
- Additional workshops in spring and summer
- Staff Report in October
- Board Hearing in December

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GHG Mandatory Reporting Website

<http://www.arb.ca.gov/cc/ccei/ccei.htm>

