

California Climate Change Policy Context for CCS

• The major CA policy driver for CCS technology was the enactment of the Global Warming Solutions Act of 2006 (Assembly Bill 32, Chapter 488, Statutes of 2006). This landmark legislation declares global warming as a serious threat to California's environment and economy. The law requires a reduction in statewide GHG emissions to 1990 levels by the year 2020 and to 2000 levels by 2050.

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Formation and Purpose of Panel

- The California Energy Commission, California Public Utilities Commission, and Air Resources Board have **formed** this Panel.
- Review carbon capture and storage (CCS) policy and develop recommendations that could help guide legislation and regulations regarding potential use of CCS in the California.
- Web site

http://www.climatechange.ca.gov/carbon_capture_review_p
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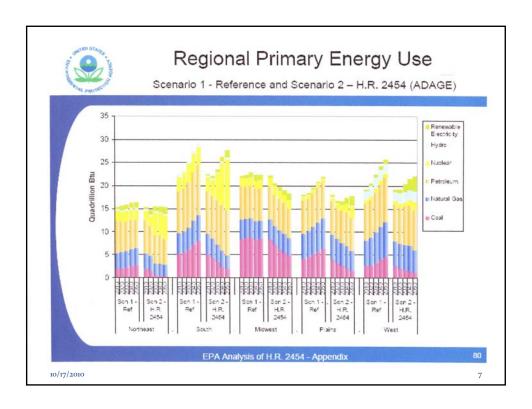
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Federal Context For CCS

- "The Obama administration says it remains committed to cutting U.S. greenhouse-gas emissions 17 percent by **2020**." Bloomberg Article By Kim Chipman Oct 14, 2010 10:04 AM ET
- EPA Continues to develop regulations and rulemaking to address GHG and CO₂ reporting and reductions
- Congress has proffered several Bills
- New Congress in 2011

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Public Meetings

- April 22, 2010
- June 2, 2010
- August 18, 2010
- October 21, 2010

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Public Briefings and Discussions

- WESTCARB Overview and Status
- Permitting Considerations
- Regulatory Activities
- GHG accounting
- Property considerations
- Industry Inputs (Oil & Gas, Electricity)
- Environmental Spokespersons (NGOs)
- Environmental Justice Spokespersons
- Consumer Advocates
- Federal (EPA&DOE) Input
- Technical White Paper and Presentations (CA Agencies)
- Panel member discussions and material provided

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Possible Recommendation Areas No order of importance

- The Regulatory Framework for Permitting CCS Projects
- Regulation and Permitting of CO₂ Pipelines
- Ownership of Pore Space for CO₂ Storage
- Requirements for Measurement, Monitoring and Verification
- Long-Term Stewardship of Storage Sites
- Role of Public Outreach, Education and Input
- Commercial Considerations/Incentives/Policy Drivers
- Environmental Justice

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