

## california CCS coalition

### *A Voice for California's CCS Industry*

*SUPPORTING THE DEPLOYMENT OF CCS TECHNOLOGIES  
THROUGHOUT CALIFORNIA*



## california CCS coalition

- *Created to represent CCS industry to ensure CCS is part of state's carbon stabilization program.*
- *Bring voices to the table throughout the state to demonstrate that CCS is practical, effective and safe.*
- *Represent CCS interests in the legislative and regulatory arena, and educate key constituencies and organizations about CCS.*
- *Increase awareness of CCS; encourage the deployment of CCS and incentives for CCS development*

## Coalition board members

- *Sempra Energy*
- *Clean Energy Systems*
- *Shell*
- *Hydrogen Energy California*
- *Southern California Edison*
- *Chevron*
- *Aera Energy*
- *Western States Petroleum Association*
- *Occidental Petroleum*

## CCS Review Panel

- Report released late 2010
  - Identified, discussed, and framed specific policies addressing the role of CCS in meeting the state's energy needs and greenhouse gas reduction goals.
  - Reviewed CCS policy frameworks used elsewhere, and identified gaps, alternatives, and applicability in California.
  - Developed specific committee recommendations on CCS
- Topics covered
  - Permitting structure and Regulatory Regime
  - Monitoring, Reporting, Verification (MRV)
  - Long-term liability/stewardship
  - Property Rights/Pore-space ownership
  - EOR vs. Sequestration only (Class II, VI, etc)
  - AB 32 and CCS – protocol development, credit for CCS, etc

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## Legislative Efforts

- SB 669 (Rubio) – Introduced as “Intent Bill” in February 2011
- Amended in March 2011 in order to get referred to Policy Committee
- Choice made to make “2 year bill” in April 2011

- [http://www.leginfo.ca.gov/pub/11-12/bill/sen/sb\\_0651-0700/sb\\_669\\_bill\\_20110323\\_amended\\_sen\\_v98.html](http://www.leginfo.ca.gov/pub/11-12/bill/sen/sb_0651-0700/sb_669_bill_20110323_amended_sen_v98.html)

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## Going Forward

- Coalition Board of Directors endorses renewed effort on CCS Legislation
- Senator Rubio committed to moving legislation in 2012
- Legislative Vehicle unknown at this time
  - Either SB 669 or related Rubio legislation
- Legislation will be more focused (cont...)

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## Going Forward (cont...)

- Focused on near-term “must haves”
  - Strong Findings and Declarations Section
  - Clear and Consistent Definitions
  - Permitting/Regulatory Authority
  - Pore space
- Additional legislation likely needed at some point
  - Possibly for: long-term liability, underground trespass, eminent domain for pipelines, “low-carbon” power policy

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