California CCS Coalition

A Voice for California’s CCS Industry

Supporting the deployment of CCS technologies throughout California

- 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
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

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…)

11/4/2011
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