

**Committee Workshop on
Clean Coal Technology and Carbon Capture and Storage
2007 Integrated Energy Policy Report (IEPR)**

**California Energy Commission
Hearing Room A
1516 9th Street
Sacramento, CA 95814**

May 29, 2007

Opening Session

- 9:00 **Welcome**
Overview of the Integrated Energy Policy Report (IEPR) Process
- Jackalyne Pfannenstiel, Chairman and Presiding Member, Integrated Energy Policy Report Committee, California Energy Commission
 - John L. Geesman, Commissioner and Associate Member, Integrated Energy Policy Report Committee, California Energy Commission

Clean Coal Session

- 9:15 **Advanced Clean Coal Technologies**
Stu Dalton, Director, Generation, Electric Power Research Institute (EPRI)
- 10:00 **Coal in a Changing Climate**
George Peridas, Natural Resources Defense Council (NRDC)
- 10:20 **Carson Hydrogen Power Plant Project**
Larry Kostrzewa, Managing Director of Development, Carson Hydrogen Power LLC
- 10:35 **FutureGen Project**
Michael J. Mudd, Chief Executive Director, FutureGen Alliance, Inc.
(Remote Presentation via WebEx -- Invited)
- 10:50 **Western Coal: Combustion, Gasification, Electricity Generation and Carbon Sequestration**
Tom Kaiserski, Office of the Governor, State of Montana
- 11:30 **Panel Discussion and Audience Comments**
- What will be the nature of energy supplies from the Interior West to California in the year 2020?
- Noon **Lunch** (On your own – A list of local restaurants is available)

CO₂ Capture and Storage Technology Session

- 1:15 **Carbon Sequestration Technologies, Development Status and Demonstrations Worldwide, and the Intergovernmental Panel on Climate Change’s Special Report on CCS**
John Gale, Manager, Communications & Development, International Energy Agency Greenhouse Gas R&D Programme (Remote presentation via WebEx, or alternate)
- 2:00 **West Coast Regional Carbon Sequestration Partnership, California Geologic CO₂ Storage Capacity, and Proposed California Terrestrial and Geologic Pilot Projects**
Larry Myer, Technical Director, West Coast Regional Carbon Sequestration Partnership (California Energy Commission and Lawrence Berkeley National Laboratory)
- 2:30 **CO₂ Capture Technologies and Development Status for Power Plants (Coal and Natural Gas)**
Stu Dalton, Director, Generation, Electric Power Research Institute (EPRI)
- 2:55 **Terrestrial Sequestration and Opportunities to Combine Biomass, CO₂ Capture, and Geologic Storage for “Carbon Negative” Electricity and Transportation Fuels**
John Kadyszewski, Coordinator, Ecosystem Services, Winrock International
- 3:40 **Providing a Scientific Foundation for State Policy and Regulations on Geologic Sequestration: Assembly Bill (AB) 1925 Report Development Process**
Kelly Birkinshaw, Team Lead, Environmental Area, Public Interest Energy Research Program, California Energy Commission
- 4:00 **Open Discussion and Public Comments**
- 4:45 **Commissioner’s Concluding Comments**