

Appendix A: Meeting Agenda
2005 California Geothermal Summit

Thursday, June 9, 2005
California Energy Commission
1516 Ninth Street, Sacramento, CA

Presented by the California Geothermal Energy Collaborative

Co-sponsored by the California Energy Commission and
the U.S. Department of Energy GeoPowering the West

The face of energy production is changing. As traditional energy providers deal with higher prices and lower reserves, industry leaders and governmental officials are looking towards renewable energy sources as a solution. Geothermal energy is one of the strongest components of California's renewable energy portfolio. The 2004 Geothermal Summit focused on the formation and structure of the new California Geothermal Energy Collaborative. This year's Summit will concentrate on current geothermal issues and roadblocks to development. In interactive sessions, attendees will help outline the Collaborative's role in expanding geothermal energy production in the state.

Agenda at a Glance

8:30 a.m.	Hearing Room A - Attendee Check-in
9:00 a.m.	Welcome & Keynote Speakers
9:30 a.m.	Updates on the Current Status of Geothermal Energy
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10:00 a.m.	BREAK
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10:15 a.m.	Breakout Sessions 1 & 2 - Check the Sessions List for your selection
Hearing Room A	Session 1- The RPS - Does Geothermal Fit the Bill?
Hearing Room B	Session 2 - Remembering the Forgotten Renewable: . Geothermal Public Outreach
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11:30 a.m-1:00 p.m.	LUNCH (On Your Own)
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1:00 p.m.	Breakout Sessions 3 & 4 - Check the Sessions List for your selection
Hearing Room A	Session 3 - Geothermal Resources of California: Moving from Assessment towards Development
Hearing Room B	Session 4 - Transmission Issues: Connecting Geothermal Energy to the Grid
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2:15 p.m.	BREAK
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2:30 p.m.	Breakout Session 5
Hearing Room A	Session 5 - Getting New Geothermal Projects in California off the Ground
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3:45 p.m.	
Hearing Room A	Closing Session
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2005 California Geothermal Summit Agenda

8:30 a.m. **Attendee Check-in**
Hearing Room A

9:00 a.m. **Welcome and Keynote Speakers**
Room A **Moderator: Valentino Tiangco**, California Energy Commission
 Keynote Speakers:
 Commissioner John Geesman, California Energy Commission
 Shannon Eddy, California Public Utilities Commission

9:30 a.m. **The Current Status of Geothermal Energy**
Three members of the geothermal community will bring us up to date on geothermal energy from the state, western region and national point of view.
 Jonathan Weisgall, MidAmerican Energy Holdings for CGEC
 Dan Schochet, ORMAT for the Western Governors' Association
 Roy Mink, Department of Energy, Geothermal Program

10:00 a.m. *BREAK*

10:15 a.m. **Morning Breakout Sessions 1 & 2**
Room A **Session 1 - The RPS: Does Geothermal Fit the Bill?**
The Renewable Portfolio Standard (RPS) law is the main driver behind the resurging interest in renewable development in California. To achieve the RPS goal of 20% renewable energy, California will need to add the equivalent of 3,000 MW of base load renewable resources. The CPUC sets the rules and administers competitive solicitations for power under the RPS. The CEC certifies renewable facilities as eligible for the RPS and administers Supplemental Energy Payments to cover above market costs of power. This session will discuss how geothermal can compete for power contracts under the RPS.
 Moderators: Vince Bartolomucci, San Diego Gas & Electric
 Jack Pigott, Calpine Corporation
 Panel: Paul Douglas, CPUC Energy Division
 Edward Randolph, Assembly Committee on Utilities and Commerce
 Marwan Masri, CEC Energy Efficiency, Renewables, and Demand

10:15 a.m.
Room B **Session 2 – Remembering the Forgotten Renewable:**
Geothermal Public Outreach
The geothermal industry in California provides approximately half of the state's non-hydro/ biomass renewable energy, but is forgotten when renewables are mentioned in the news media and government publications. Working with the geothermal industry, the Geothermal Resources Council and the California Energy Commission, the California Geothermal Energy Collaborative seeks to inform and educate geothermal stakeholders and members of the public about the benefits of geothermal energy. Our first steps in this session are identification of key audiences, messages, strategies and methods to maximize our outreach efforts.
 Moderators: Ted Clutter, Geothermal Resources Council
 Charlene Wardlow, Calpine Corporation
 Panel: John White, Center for Energy Efficiency & Renewable Technologies
 Laurie McClenahan, MHA Environmental Consulting, Inc.
 Steve Kelly, Independent Energy Producers

11:30 a.m. – 1:00 p.m. *Lunch (on your own)*

1:00 p.m. **Afternoon Breakout Sessions 3 & 4**
Room A **Session 3 - Geothermal Resources of California:**
 Moving from Assessment towards Development

This session covers new assessments of identified and undiscovered geothermal resources in California as well the potential impact of new technologies for the future of geothermal energy. Topics that will be discussed are how a resource assessment is conducted, the impact of DOE-funded research, how federal land is leased for geothermal development, and what the geothermal industry must do in exploration and in drilling and testing of wells to go from estimated resources to confirmed reserves in a geothermal field. The session will look at who will contribute to the assessment effort and what will be the long term vision for the geothermal community.

Moderators: Colin Williams & Marshall Reed, USGS

Panel: Sean Hagerty, Bureau of Land Management

Jim Lovekin, Geothermex

Marshall Reed, USGS, Western Region

**Room B Session 4 - Transmission Issues:
Connecting Geothermal Energy to the Grid**

Connecting geothermal energy to the grid is a key factor in increasing energy production. This session will identify impediments to connecting geothermal to the grid and exploring potential solutions. Some of the impediments to be discussed will include "marrying" the physical and financial rights models, financing transmission construction, and siting and permitting issues.

Moderator: Kim Kiener, Imperial Irrigation District

Panel: Dave Olsen, CGEC Transmission Advisor

Ron Davis, Davis Power Consultants

Glenn Steiger, Imperial Irrigation District

Jeff Miller, California ISO

2:15 p.m. BREAK

**2:30 p.m. Afternoon Breakout Session 5
Room A Session 5 - Getting New Geothermal Projects in California off the Ground**

This session addresses geothermal development in the near term with the major focus on bring new projects to market. Factors that will be covered include leasing, permitting process, exploratory funding, tax treatment, incentives and any other nuts and bolts needed to turn a known resource into an active project.

Moderator: Karl Gawell, Geothermal Energy Association

Panel: Elaine Sison-Lebrilla, California Energy Commission

Leroy Mohorich, Bureau of Land Management

Steve Munson, Vulcan Power Company

Charlene Wardlow, Calpine Corporation

3:45 P.M. Closing Session

Room A Moderator: Karl Gawell, Geothermal Energy Association

4:30 p.m. Adjourn