

AGENDA

Identifying Research Priorities on Flexibility and Other Operational Needs for Existing Geothermal Power Plants: A Pre-Solicitation Workshop



Thursday, January 28, 2016
1:00 p.m. – 4:00 p.m.

CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
1st Floor, Charles Imbrecht Hearing Room
Sacramento, California

Join the California Energy Commission for a discussion on current operational barriers to geothermal power.

- 1:00 – 1:05 Welcome and Introductions – California Energy Commission
- 1:05 – 1:15 Presentation – Geothermal R&D with the California Energy Commission
Chuck Gentry, California Energy Commission
- 1:15 – 1:45 Presentation – Operational Flexibility of Geothermal Power
Julio Garcia, Calpine Corporation
- 1:45 – 2:00 Q&A
- 2:00 – 3:30 Panelist Introductions and Panel Discussion
Moderator: Rizaldo Aldas, California Energy Commission
Panelists: Steve Ponder, Geothermal Resources Council
Julio Garcia, Calpine Corporation
Josh Nordquist, Ormat Technologies
Randy Keller, CalEnergy Operations
John Muir, GreenFire Energy
Andy Van Horn, GreenFire Energy

Questions for Panel:

1. *What are the main barriers and opportunities to operating geothermal power plants in flexible or load following mode? What are the main operational and maintenance cost drivers of geothermal power plants running in flexible or load following mode? What research and development activities should be conducted to address these barriers and cost drivers?*
2. *What other operational issues are limiting the success of geothermal power plants and what research and development activities should be conducted to address these issues?*
3. *What specific geothermal generation technologies or enabling technologies have significant potential to succeed in the California market and why? What further research and development is needed, if any, to accelerate the market adoption of these technologies or strategies?*
4. *What is the current potential or opportunities for expanding power generation from geothermal and boosting its role in meeting California's renewable energy goals? What are the main barriers preventing more geothermal power from being added to the grid in California?*

3:30 – 4:00 Public Comment and Q&A

To join this meeting via WebEx please use the following information:

Go to <https://energy.webex.com>
Access code: 928 802 739
No password required
Call-in-toll-free number: 1-866-469-3239

For more information, please see the notice and other documents:

<http://www.energy.ca.gov/research/notices/index.html#11182015>

To provide written comments:

Please email Chuck Gentry at chuck.gentry@energy.ca.gov using the subject heading "COMMENTS: Geothermal Workshop".

The deadline for comments is Thursday, February 4, 2016 at 5 p.m. PST.