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#### CALIFORNIA ENERGY COMMISSION

1516 Ninth Street Sacramento, California 95814 Main w ebsite: www.energy.ca.gov

CEC-70 (Revised 12/19)



IN THE MATTER OF:	Docket No. 17-GRDA-01
Geothermal Grant and Loan	) Workshop
Program Workshops and	) RE: California's Lithium Recovery
Discussions	) Initiative - Symposium

# NOTICE OF CALIFORNIA'S LITHIUM RECOVERY INITIATIVE – SYMPOSIUM

The California Energy Commission (CEC) and the Governor's Office of Business and Economic Development (GO-Biz), will jointly host a symposium facilitating presentations and panel discussions on lithium recovery from geothermal brine in California. A quorum of commissioners may attend, but no votes will be taken.

February 12, 2020 1:00 p.m. - 5:00 p.m.

Stanford University
Frances C. Arrillaga Alumni Center
326 Galvez Street
Stanford, CA 94305-6105
(Wheelchair Accessible)

Remote access is available by computer or phone via WebEx.™ (Instructions below.)

# **Agenda**

The theme for this symposium is introducing California's "Lithium Valley" vision of establishing a world-class lithium industry in the state. A focus is advancing California's unique opportunity to recover lithium from geothermal brine in support of California's clean energy future. The symposium will feature developers, policymakers, stakeholders, and customers involved from all aspects of the lithium supply chain.

To register, visit

https://www.energy.ca.gov/event/workshop/2020-02/californias-lithium-recovery-initiative-symposium.

The detailed schedule for this event will be posted prior to the event at https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=17-GRDA-01.

# **Background**

The demand for lithium is increasing due to a growing demand for batteries in support of transportation electrification and the integration of storage technologies in all scales of renewable energy generation. An increase in demand for lithium coupled with advances in processes and technologies for lithium recovery, may provide California with a unique opportunity to foster a more environmentally-sound lithium product coupled with geothermal electricity production. Increased recovery of lithium from geothermal brine is also expected to generate revenue and local in-state economic development opportunities in an economically-depressed area, and the potential to produce a world-class source of battery-grade lithium within California.

The CEC has a long history of promoting the development of geothermal energy resources and technologies, including funding research projects that demonstrate lithium and other mineral recovery from geothermal brine. At this critical point in time for lithium use and production, CEC staff seek to identify ways to resolve barriers to development and support opportunities for lithium recovery from geothermal brine within California.

### **Public Comment**

**Oral comments**. The CEC will accept oral comments during the symposium. Comments may be limited to three minutes per speaker and one speaker per organization. If participating via WebEx, use the "raise hand feature" so the administrator can introduce you and unmute your microphone after comments from the floor.

**Written comments**. Written comments must be submitted to the Docket Unit no later than **February 28, 2020**. Written comments will also be accepted at the workshop.

Written and oral comments, attachments, and associated contact information (that is, address, phone number, email address) become part of this proceeding with access available via any Internet search engine.

The CEC encourages use of its electronic commenting system. Visit <a href="https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=17-GRDA-01">https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=17-GRDA-01</a>. Enter your contact information and a comment title describing the subject of your comment(s). Comments can be included in the "Comment Text" box or attached as a downloadable, searchable in Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) file. Maximum file size is 10 MB.

Written comments can also be submitted by email. Include docket number 17-GRDA-01 and Geothermal Grant and Loan Program in the subject line and send to <a href="mailto:docket@energy.ca.gov">docket@energy.ca.gov</a>.

If preferred, a paper copy may be sent to:

California Energy Commission
Docket Unit, MS-4
Docket No. 17-GRDA-01
1516 Ninth Street
Sacramento, California 95814-5512

## **Public Advisor and Other Commission Contacts**

The CEC's Public Advisor's Office provides the public with assistance in participating in CEC proceedings. For information on how to participate in this forum, please contact the Public Advisor, Noemí O. Gallardo, at <a href="mailto:publicadvisor@energy.ca.gov">publicadvisor@energy.ca.gov</a>, (916) 654-4489, or toll free at (800) 822-6228.

Please direct requests for reasonable accommodation to Yolanda Rushin at yolanda.rushin@energy.ca.gov or (916) 654-4310 at least five days in advance.

Media inquiries should be directed to the Media and Public Communications Office at mediaoffice@energy.ca.gov or (916) 654-4989.

Questions on the subject matter of this meeting, should be directed to Elisabeth de Jong at <a href="mailto:elisabeth.dejong@energy.ca.gov">elisabeth.dejong@energy.ca.gov</a> or (916) 654-4878.

# **Remote Attendance**

WebEx is the CEC's online meeting service. When attending remotely, presentations will appear on your computer/laptop/mobile device screen, and audio may be heard via the device or telephone. Please be aware that the WebEx meeting may be recorded. WebEx technical support is available at 1-866-229-3239.

**Via Computer:** Go to <a href="https://energy.webex.com/ec">https://energy.webex.com/ec</a>. If this event is listed, click "Join." If not, click "Home" on the top left of the screen and enter Event Number 925-274-328. When prompted, enter your name and email address. No password is needed.

The "Join Conference" menu will offer you a choice of audio connections:

- 1. To call into the meeting, select "I will call in" and follow the on-screen directions.
- 2. International attendees, select "Global call-in number."
- 3. To have WebEx call you, enter your phone number and click "Call Me." This step will not work if your number has an extension.
- 4. For Internet audio: If you have a broadband connection, a headset, or a computer microphone and speakers, you may use VoIP (Internet audio). Go to the audio menu and click "Use Computer Headset," then "Call Using Computer."

**Via Telephone Only:** (no visual presentation): Dial 1-866-469-3239 (toll-free in the U.S. and Canada) and when prompted, enter the meeting number above. International callers may select a number from <a href="https://energy.webex.com/energy/globalcallin.php">https://energy.webex.com/energy/globalcallin.php</a>.

**Via Mobile Device:** Download the application from <a href="www.webex.com/products/web-conferencing/mobile.html">www.webex.com/products/web-conferencing/mobile.html</a>.

# Muting

We greatly appreciate your cooperation in reducing background noise on the audio connection by muting your line when you are not speaking. Mute your line rather than placing your phone on hold. Using WebEx, right click on your name in the panelists or attendees list and select "Mute." If you are only using a telephone connection, press "\*6" once to mute and again to unmute.

# **Availability of Documents**

Documents and presentations for this meeting will be available online at <a href="https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=17-GRDA-01">https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=17-GRDA-01</a>.

Dated: January 14, 2020, at Sacramento, California

Original Signed by:

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David Hochschild Chair

Mail Lists: Geothermal listserv Research listserv EPIC listserv