

Local Energy Resources Network



Meeting 32
August 13, 2024

*Featuring a presentation on how to
access federal funds*



Welcome!

Purpose

Interactive 1-hour meetings designed to be a regular space where local governments - and those who work with them - can help each other learn about (and possibly inform) available opportunities to advance their energy and climate goals.

TODAY'S AGENDA

- Opportunity Roundtable
- Guest Spotlight: CEC Geothermal Grant and Loan Program
- Featured Presentation: USDN on Grant Assistance
- Optional: Extended 15 minutes for Bonus Breakouts



Opportunity Roundtable

Need/Have Board

View all Opportunities

Policy Drives Investment



Agencies Scope/ Design Assistance Programs & Gather Input



Applicants Apply to Funding Solicitation

State

- FY 21-22 Budget (\$15B climate resilience)
- FY 22-23 Budget (\$38.8B climate change)
- Cap and Trade auction revenue allocations (~\$19B raised since 2013)
- FY 23-24 Budget
- FY 24-25 Budget - May revise
- State agency proceedings (e.g. *CPUC microgrid, CEC IEPR, *CARB Scoping Plan)
- 9th circuit panel of judges denied petition for an en banc rehearing of Berkeley's gas ordinance.
- CA Priority Climate Action Plan

Federal

- Infrastructure Investment and Jobs Act (IIJA) (2021) = \$47B in climate resilience funding
- FY 22-23 Budget (\$44.9B climate change)
- Inflation Reduction Act (IRA) (2022)
- Biden's Proposed FY 23-24 Budget (\$52.2B climate change)

Funding

- DOE: Connected Communities 2.0 - Concept Papers due Aug 20 (full application Oct 10)
- DOT: Charging and Fueling Infrastructure (CFI) Discretionary Grant Program (Round 2) - due Aug 28
- CEC: EPIC Clean, Dispatchable Generation Grants - due Sept 13
- DOE: American-Made Solar Prize Round 8 - due Sept 26
- DOE: Innovative Weatherization Assistance Program - due Sept 27
- OPC: SB 1 Sea-Level Rise Adaptation Planning Grant - due Oct 4
- DOE: ECCBG Formula Grants and Voucher - due October 31
- EPA: Environmental and Climate Justice Community Change Grants - Nov 21, 2024. EPN app guide.
- CEC: Geothermal Grant and Loan Program - due Jan 27, 2025
- USDA: Community Facilities Program Disaster Repair Grants - Available Until Funds are Depleted

Other Assistance

- CCEC: New Elective Pay for Local Energy Projects webpage
- ILG - Complying with CARB's Advanced Clean Fleets Regulation - August 19
- CalStart - Clean Mobility Forum - (Pasadena) September 1
- USDA: Rural Energy for America Program (REAP) - Sept 30 (customer/constituent opportunity)

Input Opportunities

- CCEC: Recent comments: CARB CA Climate Investments Funding Guidelines, CNRA/OPR Adaptation Strategy
- CEC: SB 100 REport Demand Scenarios Project - written comment due August 21
- SGC: Sustainable Agricultural Lands Conservation Program (SALC) Draft Guidelines Input - August 29
- SLECC: Next meeting Sept 12 (new recruits, planning for 2024-2025)



Spotlight Presentation



**Geothermal Grant and Loan Program Lead
CEC's Reliability, Renewable Energy &
Decarbonization Incentives (RREDI) Division**

Erica Loza



California Energy Commission

Geothermal Grant and Loan Program

Erica Loza

Disclaimer: Energy Commission staff's attendance at this event and presentation does not constitute or imply an endorsement, or recommendation of any entity in attendance or otherwise affiliated with this event.



Geothermal Grant and Loan Program Background

When? The Geothermal Program was established in 1980

How? Using as funding source the Geothermal Resources Development Account (GRDA)

Uses revenues paid to state from geothermal royalties and leases on federal lands in CA

How?

- 30% to California Energy Commission's (CEC) Geothermal Grant and Loan Program
- 30% to Renewable Resources Investment Fund
- 40% to counties of origin

What?

Statute

- Public Resources Code (PRC). Division 3. Chapter 6. Sections 3800 – 3827
- Defines who can apply and the topics that can be funded

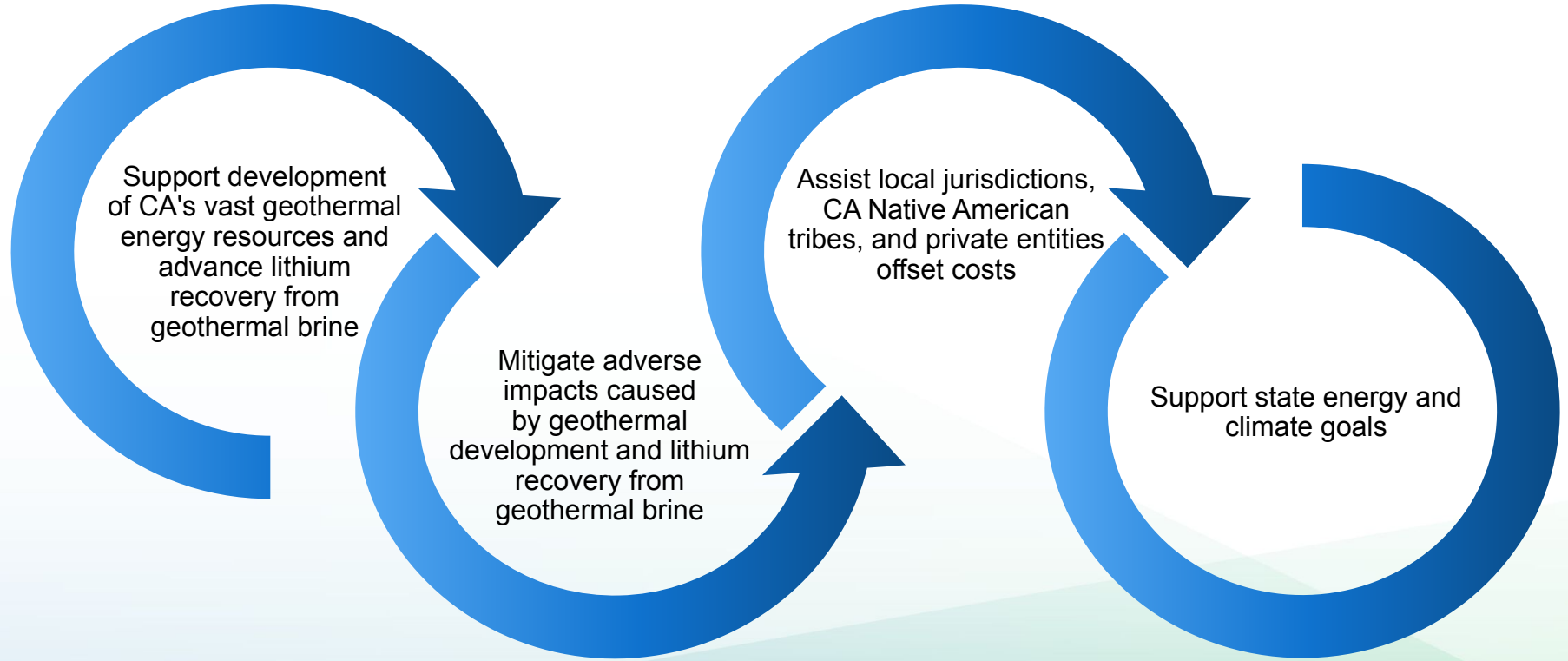
What?

Regulations

- Title 20. Division 2. Chapter 4. Article 7. Sections 1660 – 1665 and Appendix A
- Defines application process, award procedures, and scoring criteria



Geothermal Grant and Loan Program Mission





Who Are Eligible Applicants?

Local Jurisdiction (PRC 3807)

- Any unit of California Native American Tribes (Tribe)
- Any city, county, or district, including, but not limited to, regional planning agencies and public utility districts

“Public utility district” does not include any public utility district which generates for sale more than 50 megawatts of gross electricity.

Private Entities (PRC 3809)

- Any individual or organization engaged in exploration and development of geothermal energy for profit

Federal agencies and labs, state universities, and state agencies:

- not eligible to apply for funding as applicant;
- may be eligible as a project partner or subcontractor.



What Projects are Eligible?

The program statute (PRC 3823) - mentions 12 eligible topics related to the program mission:

- a)** Research and Development
- b)** Planning and Policy
- c)** Regulation and Mitigation
- d)** Environmental Data
- e)** Environmental Documentation
- f)** Administrative Tasks
- g)** Law, Regulation, and Ordinance Compliance
- h)** Socioeconomic Impact
- i)** Public Services Infrastructure
- j)** Technical & Economic Assessment
- k)** Natural Resource
- l)** Lithium, Minerals, and/or Metals

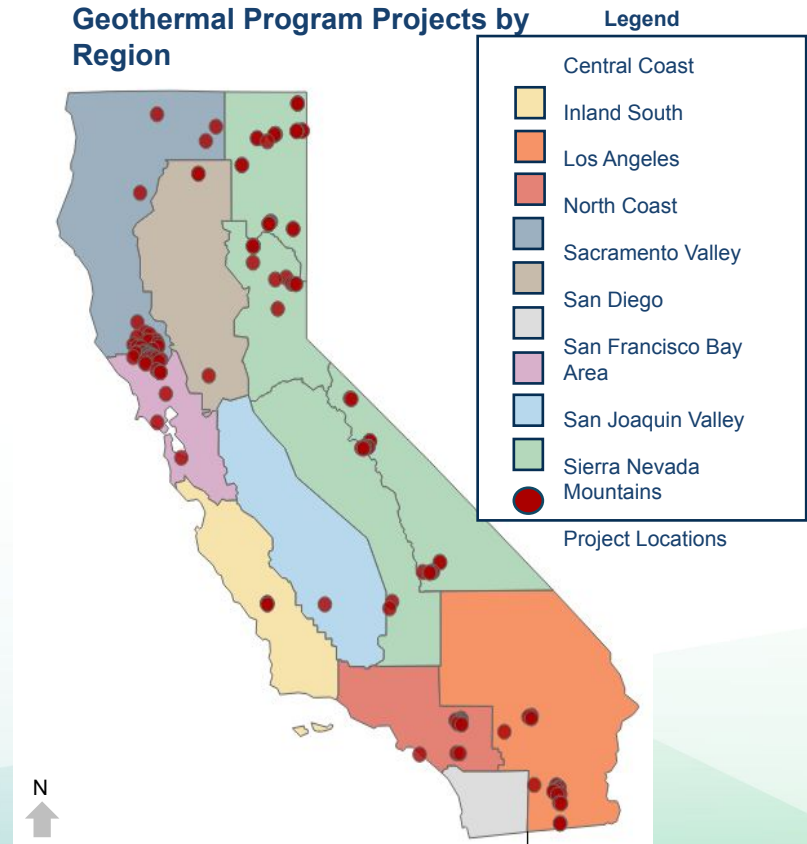




Geothermal Program in Numbers

Since 1980 the Geothermal Program has funded:

- 170 projects totaling \$61 million
 - \$40 million benefiting local jurisdictions
 - \$32 million benefiting low-income communities
 - \$25 million in the Sierra Nevada mountains (Ranking #1)





Geothermal Grant and Loan Program Webpage

Geothermal Grant and Loan Program



Geothermal Grant and Loan Program

The California Energy Commission's Geothermal Grant and Loan Program promotes and maintains the development of California's geothermal resources, extraction of minerals from geothermal brines, and related activities to support the State's energy and climate goals by offering grant opportunities and other resources to participating parties.

Collapse All

Background +

How Do I Get Involved? +

Funding Opportunities X

- Geothermal Grant and Loan Program Solicitation
- Solicitations

TERMS AND CONDITIONS

- Standard Terms and Conditions
- Special Terms and Conditions for Tribes

Tools and Resources X

- Geothermal Grant and Loan Program Frequently Asked Questions
- Geothermal Grant and Loan Program: Frequently Asked Questions about Lithium Recovery from Geothermal Brine in California
- Known Geothermal Resource Areas Map [↗](#)
- List of geothermal projects and reports

GEOTHERMAL GRANT AND LOAN PROGRAM

Geothermal Grant and Loan Program Workshops

Geothermal Resources Development Account (GRDA) Law and Regulations

CONTACT

Geothermal
geothermal@energy.ca.gov [✉](#)

PROCEEDING INFORMATION

Docket Log (17-GRDA-01) [↗](#)

Submit Comments (17-GRDA-01) [↗](#)

RELATED LINKS

Geothermal Resources, Department of Conservation [↗](#)

Renewable Energy Markets and Resources

Geothermal Technologies Office, Department of Energy [↗](#)



We Have an Open Solicitation!!

Key Activities

- Upcoming Pre-Application Workshop: TBD (September/October)
- Office Hours: TBD (August/September)
- Full Application Submission Deadline: January 27, 2025

Submit Administrative Questions by January 27, 2025, to:

- Solicitation Administrative Officer
Crystal Willis
California Energy Commission
715 P, MS-18
Sacramento, California, 95814
Telephone: (916) 529-1108
E-mail: crystal.willis@energy.ca.gov

More information on the solicitation: [GFO-23-402 - Geothermal Grant and Loan Program \(ca.gov\)](#)

Apply Now





Thank You!

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General inbox: geothermal@energy.ca.gov

Subscription Topic: Geothermal



Featured Discussion



Federal Engagement Director, Urban
Sustainability Directors Network (USDN)

Cynthia McCoy



Q&A

Please add your questions in the chat or raise your hand

BPC Workshop

Topic: Discussion

- Resources from our 2024 CCEC Forum have been shared out with registrants and posted on our [website](#).
- If you are interested in joining CCEC's next State/ Local Energy & Climate Coordination (SLECC) Meeting please, taking place on September 12th, please reach out to jvandervort@civicwell.org or ahacker@civicwell.org.

Local Energy Resources Network



What's Next?

- Bonus Breakouts up next!
- Next meeting **September 10th, 2024**
- Share [invitation](#) with others



Optional: Bonus Breakouts

Thanks for joining us!

This is a space for informal discussion among the LERN network. Feel free to:

- Offer an announcement, success story, or opportunity
- Share a need for information, collaborators, or advice
- Raise a suggested topic or speaker for future LERNS

If you need an in-depth discussion, you can pitch a specific bonus breakout topic and invite others to join you (today or we can plan ahead for next month)



CCEC Serves Local Needs



wEEkly Update



CURRENTS Quarterly



Webinars



Annual Forum



Active Funding Opportunities



Funding Program Database



Technical Assistance



Technical Assistance Directory



Local Government Roundtables



Best Practice Database



Interviews and Case Studies