



OCT. 09 2013



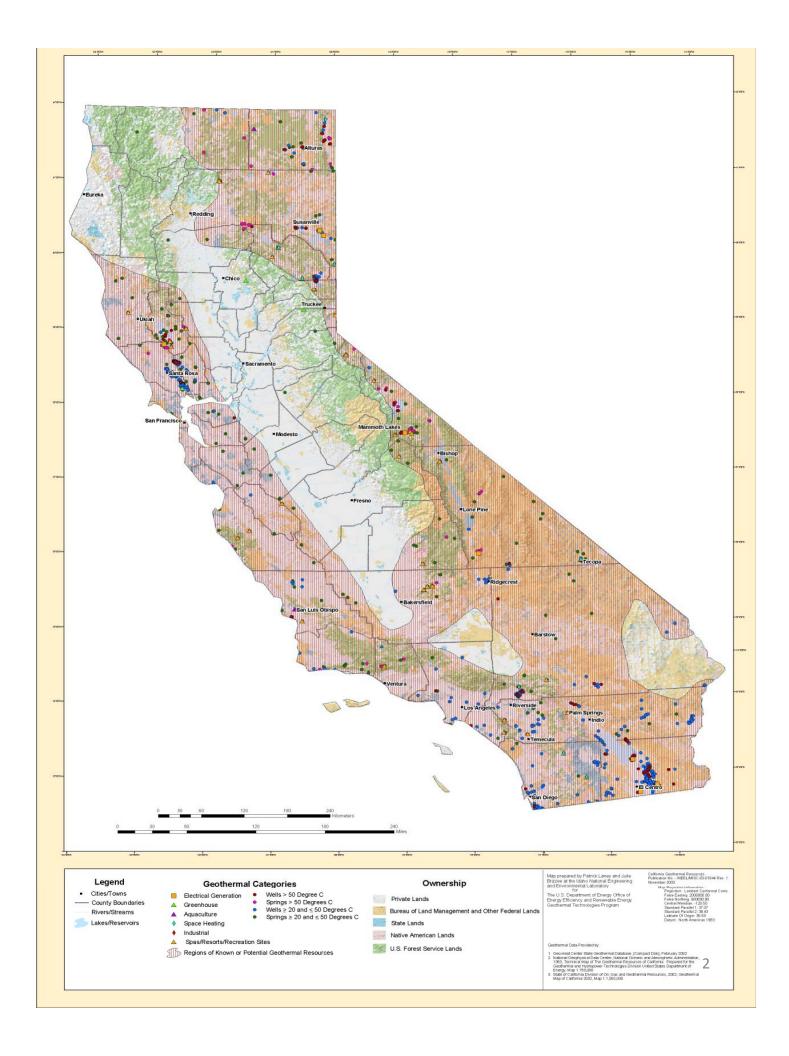
GEOTHERMAL GRANT AND LOAN (GRDA) PROGRAM

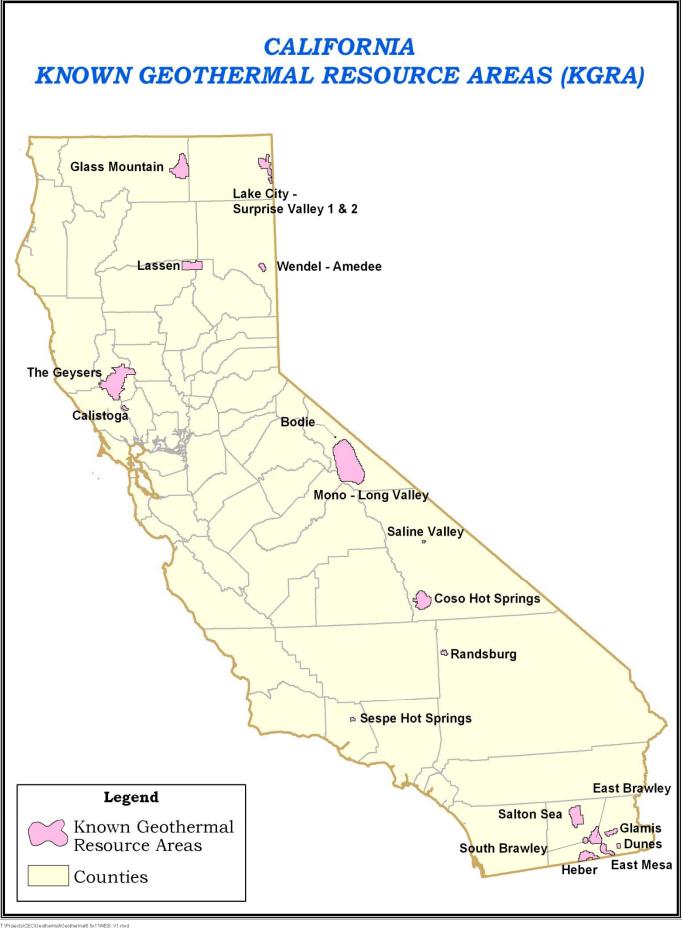
Rulemaking Hearing for Consideration and Possible Adoption

of Amendments to Regulations Implementing the Geothermal Grant and Loan Program

October 9, 2013

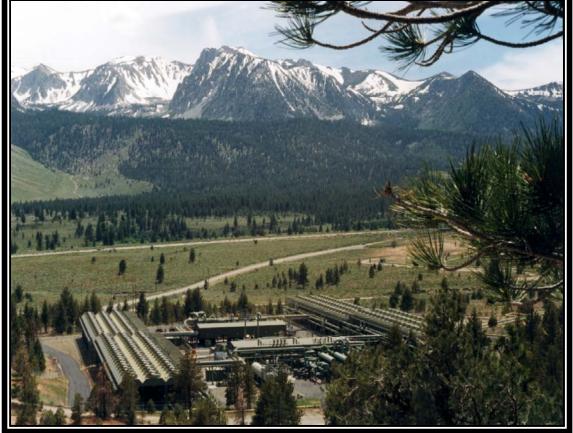
California Energy Commission www.energy.ca.gov





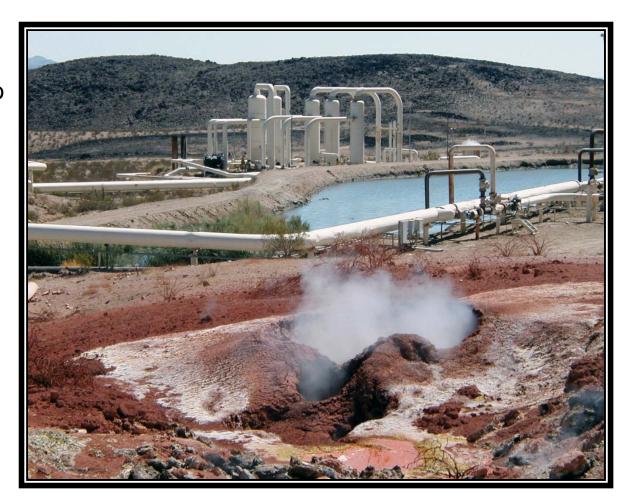
The Geysers





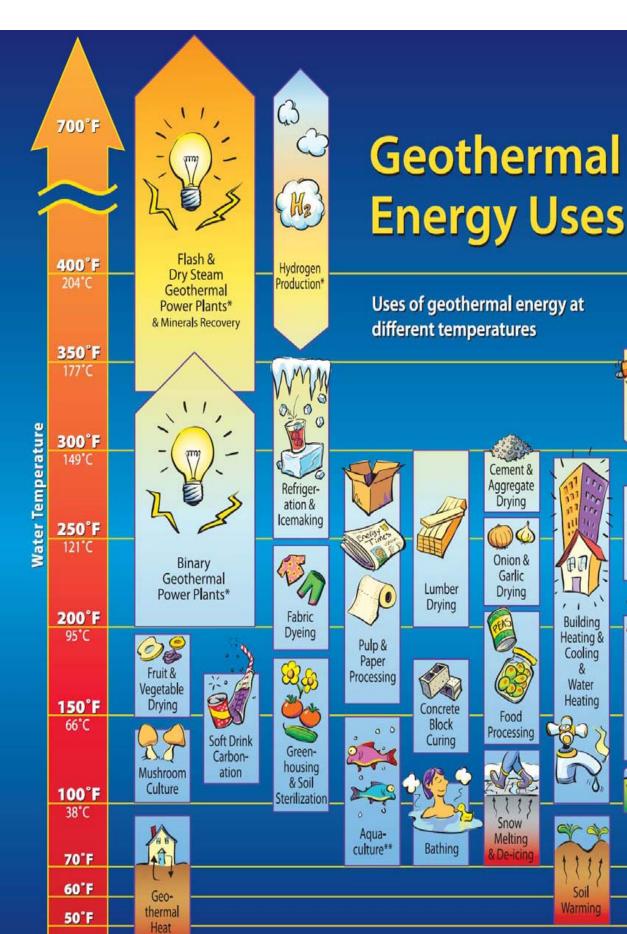
Mammoth Lakes

Coso





Salton Sea



Ethanol, Biofuels

Production

Beet Sugar

Evaporation

& Pulp

Drying

Blanching,

Cooking

&

Pasteur-

ization

Biogas

Production -

40°F/4°C

Grant and Loan Program Background



- In operation since 1981

 during first decade
 provided assistance to
 local jurisdictions for
 geothermal direct use,
 planning and mitigation
 projects.
- In 1992 the program was expanded to include private entities and a wide variety of geothermal projects.
- Known as the GRDA
 Program from its
 Geothermal Resources
 Development Account
 funding source. Funds
 come from revenues
 paid to the state from
 geothermal leases on
 federal lands in
 California.

- The Energy
 Commission has awarded close to \$68 million to co-fund approximately 180 projects, including:
 - ✓ Geysers recharge
 - ✓ Resource assessments
 - ✓ Drilling
 - ✓ Development planning and mitigation
- While there have been changes to the program's statutory provisions, the regulations have not been updated since their adoption in 1985.

The proposed amendments would accomplish four objectives:

- 1) Simplify the application and review process;
- 2) Provide guidance on statutory requirements;
- Update provisions to reflect statutory changes and changes in Energy Commission practice;
- 4) Provide stylistic and grammatical changes to improve clarity.





Main Changes:

- Reduce application process to a single application.
- Eliminate the Technical Advisory Committee but allow other governmental entities to assist in application review and scoring.
- Delete contingent awards.
- Delete requirement that the Energy Commission make awards in three project categories.
- Delete responsibilities assigned to the Energy Commission R&D Committee that no longer exists.
- Describe how private entity applicants may demonstrate compliance with the statutory local agency approval requirement.
- Delete the existing loan repayment term cap of six years on loans, which is in conflict with current statutory provisions.
- Delete the existing limit on loan interest rates, which is potentially in conflict with current statutory provisions.



Public Outreach and Comments

- Pre-Rulemaking Workshop January 23, 2013.
 Main comments received and addressed:
 - Leave interest rate cap at eight percent
 - Leave Technical Advisory Committee as a scoring entity
 - Local Agency approval process
- Notices for Workshop and Rulemaking sent out via Energy Commission's Geothermal Listserv.
- Articles in the California Geothermal Energy Collaborative (CGEC) and Geothermal Energy Association (GEA) e-Newsletters.
- NOPA mailed to California members of the Geothermal Resources Council (GRC).
- No public comments received during NOPA 45-day comment period.

Next Steps, if Amendments Adopted:

- Staff files a Notice of Exemption under CEQA with the Office of Planning and Research (OPR)
- Staff submits the Final Rulemaking Package to Office of Administrative Law (OAL)
- If approved by OAL, regulations effective by April 2014
- Staff releases next project solicitation immediately after amended regulations in effect.