

DOCKETED

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Project Title:	Compliance - Application for Certification of DWR Bottlerock Geothermal Project
TN #:	264602
Document Title:	NOTICE OF RECEIPT - PTA
Description:	NOTICE OF RECEIPT - PTA - 7.5 MW BINARY GEOTHERMAL PROJECT
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SUMMARY OF POST CERTIFICATION PETITION PETITION FOR POST CERTIFICATION CHANGE BOTTLE ROCK GEOTHERMAL POWER PLANT (79-AFC-04C)

On December 18, 2024, on behalf of Mayacma Geothermal, LLC (Mayacma), the Bottle Rock Power, LLC (BRP), the project owner, filed a Post-Certification Petition for Changes in Project Design, Operation or Performance and Amendments to the Commission Decision (Petition) ([TN 262183](#)) with the California Energy Commission (CEC) for the Bottle Rock Geothermal Power Plant (BRPP), pursuant to California Code of Regulations, title 20, section 1769.

The BRPP is a 55-megawatt geothermal project located in the Glenbrook Area, Lake County, within the Geyser Known Geothermal Resource Area, near the town of Cobb. The project was certified by the CEC in November 1980 and began commercial operation in February 1985.

In November 1990, the California Department of Water Resources (DWR), the project owner, suspended operation of the BRPP project due to insufficient steam production. The steam field for BRPP could only produce about 15 MW instead of the licensed 55 MW capacity.

On April 26, 1993, the CEC approved an amendment modifying monitoring and reporting requirements in consideration of the plant's non-operational status.

On December 3, 1997, the CEC approved the extension of reduced environmental monitoring during the suspended operations for an additional five-year period.

On May 30, 2001, the CEC approved BRPP's ownership transfer from the DWR to Bottle Rock Power Corporation (BRPC).

On May 11, 2005, the CEC approved an amendment to its decision that extended the environmental monitoring program during suspended operation.

On December 13, 2006, the CEC approved BRPP's restart of operations and transfer of ownership from BRPC to BRP.

On December 11, 2013, the CEC approved an amendment to the decision to change the financial assurance and closure bond requirements.

On April 16, 2015, BRP notified the CEC stating that BRPP would shut down and be placed into non-operational status effective April 1, 2015. The BRPP has remained non-operational since that time.

On March 20, 2023, the CEC approved the change of the operational control of the BRPP from BRP to Mayacma.

SUMMARY OF PROPOSED CHANGES

Mayacma has proposed to construct and operate a 7.5-megawatt (MW) binary geothermal power plant within the approximate 6-acre BRPP site. Mayacma is seeking CEC approval of the following:

1. Installation of two organic Rankine cycle (ORC) binary power generation units with a net power generation capacity of 7.5 MW;
2. Installation of a sound attenuation enclosure partially covering the Organic Rankine cycle (ORC) units;
3. Installation of a low voltage electrical switchgear (480kV) and control building;
4. Installation of medium voltage switchgear (13.8kV) inside the turbine building, first floor;
5. Installation of new pipeline segments to connect the steam supply to the new ORC units
6. Installation of new pipeline segments to connect the non-condensable gas (NCG) streams from the ORC units to the Stretford H₂S scavenging system (Stretford system) (and optionally to H₂S scavenging system as a backup treatment system if economically beneficial);
7. Installation of a new steam vent stack with associated H₂S treatment tank and pumps to be located near the ORC units;
8. Construction of new electrical line and switchgear to connect the new power generation to the Bottle Rock Substation;
9. Installation of a new condensate pipeline from the ORC units to the injection well on the Coleman Well Pad;
10. Disconnection of the existing steam supply pipeline at the turbine generator building inlet, steam-stacking system, and rock muffler; and
11. Construction of up to four (4) new groundwater supply wells and water supply pipeline(s) from the new groundwater supply wells to the BRPP.

For additional information, go to the [CEC's project webpage](https://www.energy.ca.gov/powerplant/steam-turbine/bottle-rock-geothermal-power-plant) (<https://www.energy.ca.gov/powerplant/steam-turbine/bottle-rock-geothermal-power-plant>). In the box labeled "Compliance Proceeding," click on "Docket Log" to access documents for this proceeding.

REVIEW PROCESS

This petition is reviewed pursuant to California Code of Regulations, title 20, section 1769. The review process includes an evaluation of the effect the change could have on the environment; the project's compliance with applicable laws, ordinances, regulations, or standards; and whether a change to, or deletion of any condition of certification adopted by the CEC in the final decision or subsequent amendments is required.

After staff has completed its independent review and analysis of this petition, the assessment will be published for public review and comment. Included in the staff analysis there will be written notice of staff's intent either to process the proposed changes as a staff-approved project change or schedule it for consideration by the CEC at a regularly scheduled business meeting.

PUBLIC PARTICIPATION

This summary of the post certification petition is being mailed to the following persons on the CEC's mailing list for the project: interested agencies, members of the public, property owners who requested placement on the mailing list, and property owners within 500 feet of linear features (for example, pipeline) and within 1,000 feet of the facility. The notice is also being sent electronically using the BRPP electronic subscription service. The electronic subscription service is an automated CEC system by which information about this facility is emailed to parties who have subscribed. To subscribe, go to the [CEC's project webpage](#), cited above, scroll down the right side of the project webpage to the box labeled "Subscribe," and provide the requested contact information.

Any person may comment on the petition or the staff analysis when publicly available. The CEC encourages use of its electronic commenting system. To use the CEC's electronic commenting feature, go to the [CEC's project webpage](#), cited above, click on the "[Submit e-Comment](#)" link, and follow the instructions in the online form. Be sure to include the facility name in your comments.

Written comments, attachments, and associated contact information (for example, address, phone number, email address) become part of the viewable public record. This information may also become available via any internet search engine.

Written comments may also be mailed to:

California Energy Commission
Docket Unit, MS-4

Docket No. 79-AFC-04C
715 P Street
Sacramento, CA 95814

If you have questions about this notice, please contact Compliance Project Manager Anwar Ali, Compliance Monitoring and Enforcement Unit, Safety and Reliability Branch, at (916) 698-7498 or via e-mail at anwar.ali@energy.ca.gov.

For information on public participation, please contact the CEC's Office of Public Advisor, Energy Equity, and Tribal Affairs at (916) 957-7910 or email at publicadvisor@energy.ca.gov.

News media inquiries should be directed to the CEC's Media Office at (916) 654-4989, or by email to mediaoffice@energy.ca.gov.

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