



**California Energy Commission
November 12, 2025, Business Meeting
Backup Materials - Agenda Item No. 8
Magnolia Power Plant – Petition to Amend (01-AFC-06C)**

The following backup materials are available:

1. **Proposed Order**, attached below
2. **Petition to Amend**, available at
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=260806&DocumentContentId=97114>
3. **Staff Assessment**, available at
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=266274&DocumentContentId=103319>

Visit <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=01-AFC-06C> for the complete record.

Related information (not necessary for this decision) is available for Agenda Item No. 10 for the Northern California Power Agency on this same November 12, 2025, Business Meeting Agenda. Interested parties may review these materials for additional information.

To stay informed about this project and receive documents as they are filed, subscribe to the proceeding topic at <https://www.energy.ca.gov/powerplant/combined-cycle/magnolia-power-project> under “Subscribe.” Email notifications and direct links are sent when documents are filed in the proceeding docket.

ORDER NO: [insert order no]

STATE OF CALIFORNIA
STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

IN THE MATTER OF:

Magnolia Power Project
Post Certification Petition to Amend

Docket No.: 01-AFC-06C

PROPOSED ORDER ON PETITION TO AMEND

I. BACKGROUND

On December 23, 2024, Southern California Public Power Authority, the project owner of the Magnolia Power Plan (MPP), filed a post certification petition ([TN 260806](#)) with the California Energy Commission (CEC) requesting to amend the 2003 Final Commission Decision (Decision) to improve the turbine's thermal energy conversion process allowing MPP to generate an additional 54 MWs during hot-weather ambient conditions, and to make the incremental capacity available for dispatch to the grid on a day-ahead and real-time basis during extreme events. On December 10, 2024, MPP filed a Title V Significant Permit revision pursuant to South Coast Air Quality Management District (SCAQMD) Rule 3000. SCAQMD approved the proposed changes to MPP's Title V Permit and issued its Permit to Construct on October 16, 2025.

To ensure MPP's existing CEC air quality conditions of certification (COC) conform with the SCAQMD amended operating permit under Title V of the Federal Clean Air Act, staff proposes to modify and add new Air Quality (AQ) COCs to the Decision.

The MPP is a 323 MW, natural gas-fired, thermal power plant operating in combined-cycle configuration. The project is in Burbank, Los Angeles County. It was certified by the CEC in March 2003 and began commercial operation in September 2005.

Based on a review of the petition and the SCAQMD amended operating permit, Staff proposes to modify the existing COCs and add the following AQ COCs:

- Increase allowable annual hours of operation in COC **AQ-2b**
- Add a new COC **AQ-2c** to limit annual fuel use

- Add a new COC **AQ-9** to be consistent with the new source testing requirements as specified by SCAQMD
- Increase monthly carbon monoxide (CO) and volatile organic carbon (VOC) emissions limits while decreasing monthly emissions limits of particulate matter less than 10 microns (PM10) and oxides of sulfur (SOx) in **AQ-11**
- Add a new COC **AQ-11a** to limit PM10 emission factors
- Increase oxides of nitrogen (NOx) emissions limits during startups and shutdowns and revise recommissioning hours, fuel use, and NOx emissions limits in COC **AQ-22**
- Increase allowable CO emissions limits during startups and shutdowns and revise recommissioning hours, fuel use, and CO emissions limits in COC **AQ-23**
- Modify COC **AQ-25** to remove recommissioning hours and fuel use limits and to exempt VOC emissions limits during startup and shutdown periods
- Add a new COC **AQ-25a** to require SCPPA to submit Emission Reduction Credits (ERCs) for the increased VOC emissions
- Increase required RECLAIM¹ Trading Credits (RTCs) for the combustion turbine and decrease required RTCs for the duct burner in COC **AQ-27**
- Delete COC **AQ-2a** because it is no longer needed since the previous recommissioning period has been completed

The modification to the CTG equipment would necessitate an increase to the hourly and daily emission limits, and the project owner would be required to source test the CTG within 60 days of initial startup of the project. However, the proposed increase in hourly and daily emission limits is small, and air quality modeling results show that the project is not expected to cause an exceedance of air quality emission standards. Staff has determined that the minor increase in hourly and daily emission limits, proposed modifications to the AQ COCs, and addition of new AQ COCs would not result in significant impacts to the ambient air quality and the environment.

The proposed amendments to the Decision are necessary to ensure consistency with the project's Title V operating permit. The modifications and additions proposed by the CEC staff to the Air Quality COCs would allow the project to continue to operate in compliance with the Decision, the SCAQMD permit requirements, and applicable laws, ordinances, regulations, and standards (LORS).

II. STAFF RECOMMENDATION

Staff recommends the CEC approve the petition to amend, including the new and modified COCs provided herein.

Staff has reviewed the petition for potential environmental effects and consistency with applicable LORS pursuant to California Code of Regulations, title 20, section 1769. Staff

¹ <https://www.aqmd.gov/home/programs/business/about-reclaim/reclaim-trading-credits>

concludes that, with the addition of new or amended conditions of certification (**AQ-2b, AQ-2c, AQ-9, AQ-11, AQ-11a, AQ-22, AQ-23, AQ-25, AQ-25a, AQ-27, and AQ-2a**), the effect on the environment would be less than significant. Staff also concludes that the project would continue to comply with all applicable LORS and that the findings specified in California Code of Regulations, title 20, section 1748(b), do not apply to the proposed changes. Staff also concludes the proposed new and modified AQ COCs do not meet any of the criteria requiring the preparation of subsequent or supplement review pursuant to Public Resources Code section 21166 or California Code of Regulations, title 14, sections 15162 and 15163.

Finally, staff concludes that the new and modified COCs are consistent with the requirements contained in permits issued by the SCAQMD. Staff's assessment of the petition was subject to a 30-day comment period.

III. ENERGY COMMISSION FINDINGS

Based on the record, including staff's analysis, the CEC concludes that the proposed new and modified COCs will not result in significant impacts to public health and safety, or to the environment. The CEC finds that:

- The petition meets all the filing criteria of California Code of Regulations, title 20, section 1769(a) concerning post-certification project changes.
- The new and modified COCs will not change the findings in the CEC's Final Decision, pursuant to California Code of Regulations, title 20, section 1748.
- The findings required under California Code of Regulations, title 20, section 1748(b), are not applicable to this petition.
- The project will remain in compliance with all applicable laws, ordinances, regulations, and standards, subject to the provisions of Public Resources Code section 25525.
- Any environmental impacts will be less than significant with the addition of new or amended conditions of certification (AQ-2b, AQ-11, AQ-22, AQ-23, AQ-25, AQ-27, the addition of new COCs AQ-2c, AQ-9, AQ-11a, AQ-25a, and the deletion of the existing COC AQ-2a).
- The proposed project change does not meet the criteria requiring the production of subsequent or supplemental review as specified in California Code of Regulations, title 14, section 15162(a).
- Notice of the staff assessment was mailed to the CEC's list of interested parties and property owners of parcels within 500 feet of affected project linears, and 1,000 feet of the project site, as well as emailed to the MPP subscription list.
- The staff assessment was posted to the docket on October 2, 2025, and was subject to a 30-day comment period. Comments received during the comment period are addressed in the errata adopted by the CEC.

IV. CONCLUSION AND ORDER

Based on its independent review of staff's analysis ([TN 266274](#)) the CEC hereby adopts the CEC Findings set forth herein and approves the petition to amend and the new and modified conditions of certification as modified in accordance with the Errata Sheet #1 in Attachment A, to the Commission Final Decision proposed in the Staff Recommendations.

IT IS SO ORDERED.

CERTIFICATION

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of an order duly and regularly adopted at a meeting of the CEC held on November 12, 2025.

AYE:

NAY:

ABSENT:

ABSTAIN:

Dated:

Kim Todd
Secretariat

ATTACHMENT A - ERRATA SHEET #1

On October 24, 2025, Southern California Public Power Authority and the City of Burbank provided minor editorial comments ([TN 266839](#)) regarding the Magnolia Power Project (01-AFC-06C) CEC Staff Analysis for the Petition to Amend the Final Commission Decision to Install Efficiency Upgrades, docketed on October 2, 2025.

The changes set forth below to the Staff Assessment (TN 266274) are necessary to correct typographical errors or for clarity. Deleted text is shown in ~~strikethrough~~ and new text is shown as **bold underline**.

Page 1 and Page 6 is revised as follows:

1. On December ~~2331~~, 2024, the Southern California Public Power Authority (SCPPA) filed a Post-Certification Petition for Changes in Project Design, Operation or Performance and Amendments to the Commission Decision (~~TN 060806~~) ([TN 260806](#)) with the California Energy Commission (CEC) for the Magnolia Power Project (MPP), pursuant to California Code of Regulations, title 20, section 1769.

Page 10 Subsection Air Quality, Paragraph 1 is revised as follows:

2. See footnote 2 above **on page 2 of the PDF** for a more detailed explanation of why the MW increase analyzed for a worst-case air quality impacts analysis at 22 degrees Fahrenheit is different from the MW increase at 77 degrees Fahrenheit or higher.

Page 11, Subsection Efficiency, the heading of the subsection is revised as follows:

3. The heading of the subsection has been updated to reflect the correct spelling "Effici**ency**".

Page 19, Subsection CEC Staff Recommendations and Conclusions, fourth paragraph, first sentence is revised as follows:

4. Staff has recommended new and modified COCs for consistency with the new draft Authority **Permit** to Construct permit ([TN 266758](#)) issued by South Coast Air Quality Management District on ~~July 22~~ **October 16**, 2025, which reflects the same proposed changes to the MPP.

Page 28, Subsection Operation, first paragraph, first sentence is revised as follows:

5. After completion of the recommissioning period, the gas turbine maximum hourly fuel firing rate will increase from ~~1,783~~ **1,787** MMBtu/hr to 2,103 MMBtu/hr (HHV) and the annual operating hours of the gas turbine will increase from 8,322 hours per year (hrs/yr) to 8,508 hrs/yr in COC AQ-2b.

The City of Burbank Water and Power suggests that throughout the Staff Analysis, staff should consider referring to the SCAQMD MPP permit to operate as the "*SCAQMD Facility Permit to Operate*".

6. The suggested edit was not accepted by staff because the CEC staff's description, "SCAQMD MPP Permit" is facility specific and denotes the Magnolia Power Project.