

DOCKETED

Docket Number:	98-AFC-01C
Project Title:	Pittsburg District Energy Facility - Commission Adoption Order (Order No. 99-0817-01)
TN #:	240568
Document Title:	Los Medanos Energy Center
Description:	Notice of Receipt-Petition for Post Certification Project Change
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NOTICE OF RECEIPT

PETITION FOR POST CERTIFICATION PROJECT CHANGE LOS MEDANOS ENERGY CENTER (98-AFC-01C)

On April 23, 2021, Los Medanos Energy Center (LMEC), LLC (project owner) filed a post-certification petition with the California Energy Commission (CEC) for the Los Medanos Energy Center (LMEC). The project owner is working with ION Clean Energy (ION) to demonstrate, on a pilot scale, its solvent technology to capture carbon dioxide (CO₂) from a small portion of flue gas from a single turbine exhaust at LMEC. The 500 megawatt (MW) natural gas fired combined cycle energy facility that includes heat recovery steam turbine generator (HRSG) units, transformers, and water treatment and cooling towers, was certified by the CEC in August 1999 and began commercial operation in October 2001. The facility is located in the City of Pittsburg, in Contra Costa County, California.

SUMMARY OF PROPOSED CHANGES

This request includes the following changes:

- The project owner seeks approval for a petition that would allow the LMEC to supply approximately 0.04 percent of its stack gas via above-ground pipeline to an onsite carbon capture and utilization pilot project. The pilot project would be in operation for approximately 15 months with the equipment removed from the site after the pilot project is completed.
- The CO₂ capture pilot project would consist of an 80-foot absorber column, a wet sac cooling unit, chemical delivery tanks, and supporting pumps and diagnostic equipment.
- LMEC is requesting modification of the CEC Condition of Certification AQ-34 to reflect the potential for increased formaldehyde emissions resulting in the CO₂ pilot project.

The petition requesting the project change has been docketed and is available on the CEC's [Los Medanos Energy Center](https://www.energy.ca.gov/powerplant/combined-cycle/los-medanos-energy-center) webpage at:

<https://www.energy.ca.gov/powerplant/combined-cycle/los-medanos-energy-center>

REVIEW PROCESS

This petition is reviewed pursuant to Title 20, California Code of Regulations 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, addition of, or deletion of any condition of certification 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, staff will provide written notice of its intent to either 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 notice of receipt is being mailed to the CEC's facility mailing list of interested agencies, the public, and property owners that requested placement on the mailing list and list serve and to property owners within 1,000 feet of the facility site and 500 feet of the facility linear features (for example, pipeline). The list serve 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 and 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. 98-AFC-01C
715 P Street
Sacramento, CA 95814

All comments and materials filed with the Docket Unit will be added to the facility docket log and become publicly accessible on the CEC's webpage for the facility.

If you have questions about this notice, please contact John Heiser, Compliance Project Manager, at (916) 628-5566, or by fax to (916) 654-3882, or via e-mail at John.Heiser@energy.ca.gov.

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For information on participating in the CEC's review of the LMEC petition, please contact the CEC's Public Advisor's Office at (916) 654-4489, (800) 822-6228 (toll-free in California), or via email at publicadvisor@energy.ca.gov.

Direct news media inquiries to (916) 654-4989, or via-email to mediaoffice@energy.ca.gov.

Date: 11/10/2021

Elizabeth Huber

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Office Manager

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