

Laurelwood Data Center (MECP1 Santa Clara 1, LLC)-Issuance of ATC for Emergency Backup Diesel Generators, sources S-1 through S-21 (A/N 32142)

Summary

SCH Number	2019089107
Lead Agency	California Energy Commission
Document Title	Laurelwood Data Center (MECP1 Santa Clara 1, LLC)-Issuance of ATC for Emergency Backup Diesel Generators, sources S-1 through S-21 (A/N 32142)
Document Type	NOD - Notice of Determination
Received	9/4/2024
Posted	9/4/2024
Document Description	MECP1 Santa Clara 1, LLC submitted an application on or about March 5, 2019 to the California Energy Commission for a small powerplant exemption for the proposed Laurelwood Data Center Project in Santa Clara, California. The Applicant proposed to build fifty six 3.0-megawatt (MW) emergency standby diesel generators (Backup Generators) as part of an uninterruptible power supply to the Laurelwood Data Center (Data Center) during interruptions of the electrical supply. The Applicant also proposed to construct a new substation for Silicon Valley Power (SVP).

The Application was submitted to the CEC pursuant to Public Resources Code Section 25541. Section 25541 allows the CEC to exempt thermal powerplants with a generating capacity of up to 100 MW from its exclusive permitting authority under the Warren-Alquist State Energy Resources Conservation and Development Act (Warren-Alquist Act) to approve or deny, applications for the construction and operation of thermal powerplants that will generate 50 MW or more of electricity. This exemption is referred to as a Small Power Plant Exemption (SPPE). It was found that the Backup Generators constitute the thermal powerplant at issue, they have a combined generating capacity of 99 MW, and no substantial adverse impact on the environment or energy resources will result from the construction or operation of the Backup Generators or the Data Center. The first phase of the project includes the installation of six 4,309-bhp and fifteen 5,051-bhp, a total of twentyone, emergency backup power generators to support data storage equipment. The proposed 21-standby generators will be located along the southeast side of LDC Building 1, in a stacked configuration. The upper-deck generators will discharge directly out of the aftertreatment system exhaust, whereas the lower-deck generators will discharge from a combined exhaust/radiator duct, terminating above the upper enclosure.

Contact Information

Name	Lisa Worrall
-------------	--------------

Agency Name	California Department of Energy (CEC)
Job Title	CEQA Lead Project Manager
Contact Types	Lead/Public Agency
Address	1516 Ninth Street Sacramento, CA 95814
Phone	(916) 654-4545
Email	lisa.worral@energy.ca.gov
Name	Sadegh Sadeghipour
Agency Name	Bay Area Air Quality Management District (Air District)
Job Title	Air Quality Engineer
Contact Types	Responsible Agency
Address	375 Beale St Suite 600 San Francisco, CA 94105
Phone	(415) 749-4672
Email	ssadeghipour@baaqmd.gov
Name	Garrison Beall
Agency Name	EdgeCore Digital Infrastructure
Job Title	Commercial Director - Construction
Contact Types	Project Applicant
Address	999 17th Street Suite 200 Denver, CO 80202
Phone	(910) 622-4206
Email	Garrison.Beall@edgecore.com

Location

Cities	Santa Clara
Counties	Santa Clara
Regions	Citywide
Zip	95054
Other Location Info	2201 Laurelwood Road, Santa Clara, Santa Clara County, CA 95054. Nearest Cross Street: San Tomas Junction.

Notice of Determination

Approving Agency	Bay Area Air Quality Management District
Approving Agency Role	Responsible Agency
Approved On	8/28/2024
County Clerk	Santa Clara
Final Environmental Document Available at	https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-SPPE-01

Determinations

(1) The project will have a significant impact on the environment	No
(2a) An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA	No
(2b) A Mitigated or a Negative Declaration was prepared for this project pursuant to the provisions of CEQA	Yes
(2c) An other document type was prepared for this project pursuant to the provisions of CEQA	No
(3) Mitigated measures were made a condition of the approval of the project	Yes
(4) A mitigation reporting or monitoring plan was adopted for this project	No
(5) A Statement of Overriding Considerations was adopted for this project	No
(6) Findings were made pursuant to the provisions of CEQA	Yes

Attachments

Notice of Determination

OCR-Original Signed-Santa Clara_ NOD32142_ Laurelwood MECP1-Aug29_24  

Disclaimer: The Governor's Office of Land Use and Climate Innovation (LCI) accepts no responsibility for the content or accessibility of these documents. To obtain an attachment in a different format, please contact the lead agency at the contact information listed above. For more information, please visit [LCI's Accessibility Site](#).