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San José Data Center 04

This proceeding is for the potential exemption of a data center project in the City of San José , California.

PROJECT OWNER

Microsoft Corporation

DOCKET NUMBER

22-SPPE-02

CAPACITY

97.8 MW

LOCATION

San José, California

TECHNOLOGY

Backup Generating System

PROJECT STATUS

Under Review

PROJECT TYPE

Small Power Plant
Exemption

ORIGINAL PROCEEDING

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Project Description

Microsoft Corporation (Microsoft) proposes to build the San José Data Center campus (the project or SJDC 04) to be located at the northwest corner of the intersection of Orchard Parkway and Component Drive in San José, California (project site). The project would be located on two parcels of land, assessor parcel numbers 101-02-019 and 101-02-020. The two parcels would be merged through a lot adjustment/merger. The project would include two four-story data center buildings, each approximately 315,639 gross square feet; emergency backup generating facilities; recycled water storage, fire water storage, pipelines, and support buildings; building cooling equipment; an on-site substation and switching station; two potential distribution transmission lines; and ancillary support facilities. The project also includes the installation of off-site utility infrastructure and may include offsite intersection improvements within existing public right-of-way (off-site improvement areas). Off-site utilities include potable water, recycled water, fire water, stormwater and sanitary sewer pipelines.

The total maximum electrical demand of the project would be 97.8 megawatts (MW). The Tier 4 diesel backup generating facilities with selective catalytic reduction and diesel particulate filters would consist of thirty-two 3 MW primary emergency generators, two 0.5 MW administrative emergency generators, and two 0.8 MW storage tank area emergency generators. The sole purpose of the backup generating facilities is to provide electrical power to support the data center campus operations in the event of loss of electrical service from the local electric utility provider, Pacific Gas and Electric Company.

SMALL POWER PLANT EXEMPTION

The CEC has the exclusive authority to certify all thermal power plants 50 megawatts (MW) and larger and related facilities proposed for construction in California. The Small Power Plant Exemption (SPPE) process allows applicants with facilities between 50 and 100 MW to obtain an exemption from CEC's jurisdiction and proceed with local permitting rather than requiring CEC certification. CEC can grant an exemption if it finds that the proposed facility would not create a substantial adverse impact on the environment or energy resources. Public Resources Code section 25519(c) designates CEC as the "lead agency", in accordance with the California Environmental Quality Act (CEQA), for all

CONTACTS

PROJECT MANAGER

John Heiser

STEPsiting@energy.ca.gov

(Please enter project name in the email subject line)

916-628-5566

PUBLIC PARTICIPATION QUESTIONS

Public Advisor

publicadvisor@energy.ca.gov

916-269-9595

MEDIA INQUIRIES

Media & Public

Communications Office

mediaoffice@energy.ca.gov

916-654-4989

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facilities seeking an SPPE. In granting an SPPE, the CEC is not the final approval necessary for construction and operation of a project. Instead, if the CEC grants an SPPE, the responsible local land use authorities and other agencies, such as the local air management district, will assume jurisdiction over the project under their respective permitting processes, and conduct any other necessary environmental review as “responsible agencies” under CEQA.

CONTACT

California Energy Commission
715 P Street
Sacramento, CA 95814

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