

SCHEDULED MAINTENANCE

Due to scheduled maintenance, our website may be intermittently unavailable on Thursday, July 23, 2026, from 6:00 p.m. to 10:00 p.m. We apologize for the inconvenience.



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McLaren Backup Generating Facility

PROJECT OWNER

Vantage Data Centers

DOCKET NUMBER

17-SPPE-01

CAPACITY

98.67 MW

TECHNOLOGY

Backup Generating System

PROJECT STATUS

Exempted

PROJECT TYPE

Small Power Plant
Exemption

ORIGINAL PROCEEDING

e-Commenting is currently closed and will open here when available.

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Project Description

On December 26, 2017, Vantage Data Centers filed an application with the California Energy Commission (Energy Commission) for a

Small Power Plant Exemption (SPPE). The project consists of two primary components--the McLaren Data Center (MDC) and the McLaren Backup Generating Facility (MBGF). The MDC consists of three, four-story, 175,000-180,000-gross square feet (gsf) data center buildings (a total of approximately 541,000 gsf) and a paved surface parking lot on an approximately 8.97-acre site. The MBGF consists of 47 diesel-fired backup generators, each with a peak output capacity of 2.75 megawatt (MW) and with a continuous steady state output capacity of 1.93 MW, for a total generation capacity of up to 98.67 MW to support the need for the MDC to provide uninterruptible power supply for its tenants' servers. Three additional 600kW generators would provide continuous power to the pumps associated with the fire sprinkler system and other emergency operations for each building. Additional project elements include switchgear and distribution cabling to interconnect the three generation yards to their respective buildings. The project also includes an approximately 14,250-sf Silicon Valley Power (SVP) substation along Mathew Street. The Commission approved the Small Power Plant Exemption on November 7, 2018.

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Key Dates



SMALL POWER PLANT EXEMPTION

The CEC Small Power Plant Exemption (SPPE) process allows applicants proposing thermal power plants between 50 and 100 MW to obtain an exemption from the CEC's jurisdiction and proceed with local permitting rather than requiring CEC certification. The CEC can grant an exemption if it finds that the proposed facility will not create a substantial adverse impact on the environment or energy resources. These facilities were exempted from the CEC's jurisdiction.

[Search All Power Plant Documents](#)

CONTACTS

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