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STATE OF CALIFORNIA

CALIFORNIA ENERGY COMMISSION

In the Matter of:)
Application for Small Power Plant)
Exemption for the:)
San José City Data Center)

Docket No. 19-SPPE-04

**SAN JOSÉ CITY DATA CENTER
APPLICANT STATUS REPORT #15**

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June 15, 2021

Attorneys for Microsoft Corporation

STATE OF CALIFORNIA

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Microsoft Corporation, the applicant (“Applicant”) for the Small Power Plant Exemption for the San José City Data Center Project submits this status report in accordance with the *Committee Scheduling Order* docketed May 13, 2020 (TN: 232976) (“Order”).

INTRODUCTION

The Applicant proposes to construct and operate the San José City Data Center (“SJC02”) in San José, California. The SJC02 will consist of two, one-story data center buildings and related improvements. The maximum load of the servers, including the cooling and ancillary load of the buildings, is 99 megawatts (“MW”), meaning the SJC02 is subject to the California Energy Commission (“CEC” or “Commission”) Small Power Plant Exemption (“SPPE”) process. To ensure reliability in the unlikely event of loss of electric service from Pacific Gas & Electric Company (“PG&E”), the SJC will include 42 standby generators to provide electrical power during outages. These generators will be grouped in redundant set configurations to ensure uninterrupted power for the SJC02’s maximum demand. These standby generators will not deliver electricity for general consumption, but instead will be restricted to providing backup power exclusively for SJC02 demand in the event of an emergency.

Status Regarding Responses to Data Request Set 4

The Applicant submitted the last remaining data request item, a draft Traffic Analysis, to the City of San José and will docket the draft Traffic Analysis with the Commission on June 15, 2021. Any comments received from the City on the draft Traffic Analysis will be docketed with the Commission, along with the Applicant’s response.

Reassessment of Generation Technology

At this time Microsoft is reassessing the generation technology used for emergency backup electricity. One of the technologies being considered is the use of natural gas generators. If the natural gas generators prove feasible, Microsoft will be amending the project description along with the appropriate environmental analyses (air quality, public health, greenhouse gas emissions, noise) for submittal to the Commission. At this time Microsoft believes it will make the determination on whether natural gas generators will be used at the SJC02 site on or before June 22, 2021. Microsoft will file a supplementary status report at that time informing the Commission of its decision, and if and when, a revised project description with additional supporting environmental analyses will be submitted.

STATE OF CALIFORNIA

June 15, 2021

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