

### Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613  
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

**SCH # 2021020002**

**Project Title:** San Jose Data Center

Lead Agency: California Energy Commission Contact Person: Lisa Worrall  
 Mailing Address: 715 P Street, MS 40 Phone: 916-661-8367  
 City: Sacramento Zip: 95814 County: Sacramento

**Project Location:** County: Santa Clara City/Nearest Community: San Jose & Milpitas  
 Cross Streets: Alviso-Milpitas Rd/Ranch Rd/Mc Carthy Blvd Zip Code: 95119

Longitude/Latitude (degrees, minutes and seconds): \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " N / \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " W Total Acres: 64.5

Assessor's Parcel No.: 015-31-054 Section: \_\_\_\_\_ Twp.: \_\_\_\_\_ Range: \_\_\_\_\_ Base: \_\_\_\_\_

Within 2 Miles: State Hwy #: SR-237, I-880 Waterways: Attachment A  
 Airports: - Railways: Attachment A Schools: Attachment A

**Document Type:**

CEQA:  NOP  Draft EIR NEPA:  NOI Other:  Joint Document  
 Early Cons  Supplement/Subsequent EIR  EA  Final Document  
 Neg Dec (Prior SCH No.) \_\_\_\_\_  Draft EIS  Other: \_\_\_\_\_  
 Mit Neg Dec Other: \_\_\_\_\_  FONSI \_\_\_\_\_

**Local Action Type:**

General Plan Update  Specific Plan  Rezone  Annexation  
 General Plan Amendment  Master Plan  Prezone  Redevelopment  
 General Plan Element  Planned Unit Development  Use Permit  Coastal Permit  
 Community Plan  Site Plan  Land Division (Subdivision, etc.)  Other: \_\_\_\_\_

**Development Type:**

Residential: Units \_\_\_\_\_ Acres \_\_\_\_\_  Transportation: Type \_\_\_\_\_  
 Office: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Mining: Mineral \_\_\_\_\_  
 Commercial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Power: Type \_\_\_\_\_ MW \_\_\_\_\_  
 Industrial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Waste Treatment: Type \_\_\_\_\_ MGD \_\_\_\_\_  
 Educational: \_\_\_\_\_  Hazardous Waste: Type \_\_\_\_\_  
 Recreational: \_\_\_\_\_  Other: Data center with natural gas backup generators  
 Water Facilities: Type \_\_\_\_\_ MGD \_\_\_\_\_

**Project Issues Discussed in Document:**

<input type="checkbox"/> Aesthetic/Visual	<input type="checkbox"/> Fiscal	<input checked="" type="checkbox"/> Recreation/Parks	<input checked="" type="checkbox"/> Vegetation
<input type="checkbox"/> Agricultural Land	<input checked="" type="checkbox"/> Flood Plain/Flooding	<input checked="" type="checkbox"/> Schools/Universities	<input checked="" type="checkbox"/> Water Quality
<input checked="" type="checkbox"/> Air Quality	<input checked="" type="checkbox"/> Forest Land/Fire Hazard	<input type="checkbox"/> Septic Systems	<input checked="" type="checkbox"/> Water Supply/Groundwater
<input checked="" type="checkbox"/> Archeological/Historical	<input checked="" type="checkbox"/> Geologic/Seismic	<input checked="" type="checkbox"/> Sewer Capacity	<input checked="" type="checkbox"/> Wetland/Riparian
<input checked="" type="checkbox"/> Biological Resources	<input type="checkbox"/> Minerals	<input checked="" type="checkbox"/> Soil Erosion/Compaction/Grading	<input checked="" type="checkbox"/> Growth Inducement
<input type="checkbox"/> Coastal Zone	<input checked="" type="checkbox"/> Noise	<input checked="" type="checkbox"/> Solid Waste	<input checked="" type="checkbox"/> Land Use
<input checked="" type="checkbox"/> Drainage/Absorption	<input type="checkbox"/> Population/Housing Balance	<input checked="" type="checkbox"/> Toxic/Hazardous	<input checked="" type="checkbox"/> Cumulative Effects
<input type="checkbox"/> Economic/Jobs	<input checked="" type="checkbox"/> Public Services/Facilities	<input checked="" type="checkbox"/> Traffic/Circulation	<input checked="" type="checkbox"/> Other: <u>Energy, Tribal Cultural</u>

**Present Land Use/Zoning/General Plan Designation:**

Vacant/Light Industrial

**Project Description:** (please use a separate page if necessary)

See Attachment A

## Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".  
If you have already sent your document to the agency please denote that with an "S".

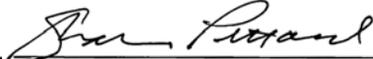
<input checked="" type="checkbox"/> Air Resources Board	<input checked="" type="checkbox"/> Office of Historic Preservation
<input type="checkbox"/> Boating & Waterways, Department of	<input type="checkbox"/> Office of Public School Construction
<input type="checkbox"/> California Emergency Management Agency	<input type="checkbox"/> Parks & Recreation, Department of
<input checked="" type="checkbox"/> California Highway Patrol	<input type="checkbox"/> Pesticide Regulation, Department of
<input checked="" type="checkbox"/> Caltrans District # <u>4</u>	<input checked="" type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input checked="" type="checkbox"/> Regional WQCB # <u>2</u>
<input checked="" type="checkbox"/> Caltrans Planning	<input checked="" type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input type="checkbox"/> Coastal Commission	<input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input checked="" type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input checked="" type="checkbox"/> SWRCB: Water Quality
<input checked="" type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region # <u>3</u>	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input type="checkbox"/> Toxic Substances Control, Department of
<input checked="" type="checkbox"/> Forestry and Fire Protection, Department of	<input checked="" type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Health Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Housing & Community Development	
<input checked="" type="checkbox"/> Native American Heritage Commission	

### Local Public Review Period (to be filled in by lead agency)

Starting Date December 23, 2021 Ending Date February 7, 2022

### Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: <u>Microsoft Corporation</u>
Address: _____	Address: <u>1288 Pear Avenue</u>
City/State/Zip: _____	City/State/Zip: <u>Mountain View, CA 94043</u>
Contact: _____	Phone: <u>916-286-0207</u>
Phone: _____	

Signature of Lead Agency Representative:  Date: 12/23/2021

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

## **Attachment A to Notice of Completion for Draft EIR**

### Schools within 2 miles of the project site:

Anthony Spangler Elementary, Don Callejon, Pearl Zanker Elementary, George Mayne Elementary, Kinder Care Learning Center, Headsup! Child Development Center, Saba Academy, St John the Baptist Catholic School, Cogswell College

### Waterways within 2 miles of the project site:

Berryessa Creek, Calera Creek, Coyote Creek, Guadalupe River, Los Coches Creek, Lower Penitencia Creek, Piedmont Creek, Scott Creek, Tularcitos Creek, Wrigley Ford Creek

### Railways within 2 miles of the project site:

Valley Transportation Authority, Union Pacific

### Project Description:

The San Jose Data Center (SJDC or project) includes natural gas-fired generators (to provide emergency backup power) that would constitute a thermal powerplant with a generating capacity in excess of 50 megawatts (MW). The generating capacity of the backup generators would not exceed 100 MW. The California Energy Commission (CEC) has the exclusive authority to certify all thermal power plants (50 megawatts [MW] and greater) 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 facilities seeking an SPPE.

Microsoft Corporation (Microsoft or applicant) is seeking a Small Power Plant Exemption (SPPE) from the CEC's jurisdiction to proceed with local approval rather than requiring certification by the CEC for the San Jose Data Center (SJDC or project).

The applicant proposes to construct and operate the project, located at 1657 Alviso-Milpitas Road in San Jose, California. The project would consist of two single-story data center buildings. To provide reliable operation of the project in the event of loss of electrical service from the local electric utility provider, Pacific Gas and Electric Company (PG&E), the project includes 224 renewable natural gas (natural gas) generators each rated at 0.45 megawatt (MW) output capacity to provide electrical power to support the data center uses during utility outages, certain onsite electrical equipment

interruptions or failure, and for load shedding, demand response and behind-the-meter resource adequacy ancillary services. The maximum electrical load of the project would be 99 MW, although the estimated load is 77 MW, inclusive of information technology (IT) equipment, ancillary electrical/ telecommunications equipment, and other electrical loads (administrative, heat rejection, and safety/ security). In addition, the project includes two Tier 4 diesel-powered generators (designated as administrative generators), with a 1.25 MW standby generator for the northern building and a 0.5 MW standby generator for the southern building. The project also includes an onsite 115 kilovolt (kV) substation located in the northwestern corner of the project site with two 115 kV underground electrical supply lines (approximately 0.2 mile) that would connect to PG&E's Los Esteros Substation, located adjacent to the site. The project would require offsite linears for potable water, reclaimed water, storm water, sanitary sewer, natural gas, and electrical. Natural gas is also proposed for comfort heating of the data center buildings.