California Energy Commission

Notice of Completion & Environmental Document Transmittal

SCH Number

[SCH Number not provided]

Overview

Project Title

NorthTown Backup Generating Facility

Lead Agency

California Energy Commission

Project Manager

Elizabeth Huber

Mailing Address

715 P St, MS 40

Phone

916-776-0609

City

Sacramento

ZIP

95814

County

Sacramento

Project Location

County

Santa Clara

City / Nearest Community

San José

Cross Streets

West Trimble Road and Orchard Parkway

ZIP Code

95131

Longitude / Latitude

37° 22 51.62" N / 121° 56 2.55" W

Total Acres

28.5

Assessor Parcel No.

101-02-018 and 101-02-021

Survey Info

Section: 26 | Township: 6S | Range: 1W

State Highways (within 2 miles)

82,87,880,101

Airports

SJC

Railways

Peninsula, COAST, Warm Spring

Schools

San Jose Conservation Corps Charter, Orchard Elementary, Walter L. Bachrodt Elementary, Montague Elementary, Scott Lane Elementary, Don Callejon, Abram Agnew Elementary, Dolores Huerta Middle, Kathleen MacDonald High, Santa Clara County Community, Santa Clara County Court, Santa Clara County Special Education, Opportunity Youth Academy

Waterways

San Tomas Aquino Creek, Coyote Creek, Guadalupe River

Document Type

CEQA

NOP

Local Action Type

Local Action Type

Specific Plan

Development Type

Power

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Project Issues Discussed in Document

Issues

Aesthetic, Agriculture and Forestry Resources, Air Quality, Biological Resources, Cultural Resources, Cumulative Effects, Drainage/Absorption, Economic/Jobs, Energy, Flood Plain/Flooding, Geology/Soils, Greenhouse Gas Emissions, Hazards & Hazardous Materials, Hydrology/Water Quality, Land Use Planning, Mineral Resources, Noise, Population/Housing Balance, Public Services/Facilities, Recreation/Parks, Solid Waste, Transportation, Tribal Cultural Resources, Utilities/Service Systems, Wetland/Riparian, Wildfire

Present Land Use / Zoning / GP Designation

Land Use / Zoning / GP Designation

Combined Industrial/Commercial and Industrial Park

Project Description

Description

The NorthTown Backup Generating Facility (NTBGF) would consist of a total of forty two (42) diesel-fired generators that would be used exclusively to provide up to 97.3 megawatts (MW) of backup emergency generation to support NorthTown Data Center (NTDC) to provide uninterrupted power for its tenants servers. The proposed project site is at the southwest corner of the intersection of West Trimble Road and Orchard Parkway in San José, California. The data center buildings, emergency backup generating facilities, project substation, water storage and treatment area, the PG&E; Switching Station, site circulation, and parking would be located on APNs 101-02-018 and 101-02-021. The entire project site is approximately 28.5 acres.The NTBGF would only provide interconnection to the NTDC and would not be interconnected to the transmission or distribution grid. The project would construct a new 115-34.5 kilovolt (kV), 110 mega volt-ampere (MVA) electrical substation (project substation) adjacent to the proposed expansion of the recently permitted PG&E; utility. The two-bay project substation (two 105 MVA 115kV - 34.5 kV step-down transformers and primary distribution switchgear) would be designed to allow one of the two transformers to be taken out of service, effectively providing 105 MVA of total power (a 2-to-make-1 design).Of the 42 total generators, two of the generators would each have a generating capacity of up to 1.75 MW and the remaining 40 generators would each have a generating capacity of 3 MW. Of those 40 generators rated 3 MW, eight would be redundant. The generators would be arranged in two generation yards located adjacent to each data center building (DC North and DC West). All 40 of the 3-MW generators would be dedicated to replacing the electricity needs of the data center in case of a loss of utility power, while the two 1.75-MW generators would be used to support general office loads along with building and life safety services (i.e., house generators) during emergencies.

Reviewing Agencies Checklist

Selected Reviewing Agencies:

[X] Air Resources Board

[X] California Emergency Management Agency

[X] California Highway Patrol

[X] Caltrans District #4

[X] Caltrans Planning

[X] Conservation, Department of

[S] Energy Commission

[X] Fish & Game Region #3

[X] Forestry and Fire Protection, Department of

[X] Native American Heritage Commission

[X] Office of Historic Preservation

[X] Public Utilities Commission

[X] Regional WQCB #2

[X] Resources Agency

[X] SWRCB: Water Quality

[X] SWRCB: Water Rights

[X] Toxic Substances Control, Department of

[X] Water Resources, Department of

Local Public Review Period

Starting Date

July 21, 2026

Ending Date

August 20, 2026

Lead Agency

Consulting Firm

Firm Name

[Consulting Firm not provided]

Address

[Address not provided]

City / State / ZIP

[City/State/ZIP not provided]

Contact

[Contact not provided]

Phone

[Phone not provided]

Applicant

Applicant Name

Ward Mace, GIC San Jose LLC

Address

3333 Michelson Dr., Suite 1050

City / State / ZIP

Irvine, CA 92612

Phone

[Phone not provided]

Signature of Lead Agency Representative

Eric Knight

Digitally signed by Eric Knight
Date: 2026.07.20 17:56:41 -07'00'

Date