

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#

2020029062

Project Title: Walsh Data CenterLead Agency: California Energy CommissionContact Person: Leonidas PayneMailing Address: 1516 9th Street, MS 40Phone: (916) 651-0966City: SacramentoZip: 95814County: Sacramento**Project Location:** County: Santa ClaraCity/Nearest Community: Santa ClaraCross Streets: Walsh Avenue and Lafayette St.Zip Code: 95050

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

Assessor's Parcel No.: _____ Section: _____ Twp.: _____ Range: _____ Base: _____

Within 2 Miles: State Hwy #: _____

Waterways: _____

Airports: San Jose International

Railways: _____

Schools: _____

Document Type:CEQA: ☐ NOP☐ Draft EIRNEPA: ☐ NOIOther: ☐ 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: Data Center**Development Type:**☐ Residential: Units _____ Acres _____☐ Office: Sq.ft. _____ Acres _____ Employees _____☐ Commercial: Sq.ft. _____ Acres _____ Employees _____☐ Industrial: Sq.ft. _____ Acres _____ Employees _____☐ Educational: _____☐ Recreational: _____☐ Water Facilities: Type _____ MGD _____☐ Transportation: Type _____☐ Mining: Mineral _____☐ Power: Type _____ MW _____☐ Waste Treatment: Type _____ MGD _____☐ Hazardous Waste: Type _____☒ Other: Data Center**Project Issues Discussed in Document:**☒ Aesthetic/Visual☐ Fiscal☒ Recreation/Parks☒ Vegetation☒ Agricultural Land☐ Flood Plain/Flooding☒ Schools/Universities☒ Water Quality☒ Air Quality☒ Forest Land/Fire Hazard☒ Septic Systems☒ Water Supply/Groundwater☒ Archeological/Historical☒ Geologic/Seismic☒ Sewer Capacity☐ Wetland/Riparian☒ Biological Resources☒ Minerals☒ Soil Erosion/Compaction/Grading☒ Growth Inducement☐ Coastal Zone☒ Noise☒ Solid Waste☒ Land Use☒ Drainage/Absorption☒ Population/Housing Balance☒ Toxic/Hazardous☒ Cumulative Effects☐ Economic/Jobs☒ Public Services/Facilities☒ Traffic/Circulation☒ Other: Energy, Wildfire, GHG**Present Land Use/Zoning/General Plan Designation:**Heavy Industrial**Project Description:** *(please use a separate page if necessary)*

see attached

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "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 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 type="checkbox"/> Public Utilities Commission
<input checked="" 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 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 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 checked="" type="checkbox"/> Toxic Substances Control, Department of
<input 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 February 18, 2020

Ending Date March 23, 2020

Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: _____
Address: _____	Address: _____
City/State/Zip: _____	City/State/Zip: _____
Contact: _____	Phone: _____
Phone: _____	

Signature of Lead Agency Representative: _____

Date: 2/18/2020

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

PROJECT DESCRIPTION

The applicant proposes to construct and operate the Walsh Data Center (WDC) project at 651 Walsh Avenue in Santa Clara, California. The project proposes to demolish the existing improvements on the site and construct the WDC building, the associated Walsh Backup Generating Facility (WBGF) generator equipment yard, and an electrical substation. The associated WBGF would consist of 33 diesel fired generators that would be used exclusively to provide backup generation to support the Critical Information Technology (IT) load of the server bays, mechanical cooling loads, and house power backup of the WDC. The maximum electrical load of the WDC would be up to 80 MW.

The WDC building has two attached components—a four-story Data Center Building where client servers and associated electrical equipment would be housed, and a three-story Power Base Building located on the site's frontage with Walsh Avenue which would include support facilities such as the building lobby, restrooms, conference rooms, office space, and customer space. The total WDC building size is 435,050 square feet.

The 33 backup generators would be located in a generation yard adjacent to the north side of the WDC building. Thirty-two 3-MW generators would be deployed in a two-level stacked configuration. Half (16) of the generators would be placed on a concrete slab and the other half (16) would be on a second level directly above the ground with the generators mounted on a steel support structure. Each backup generator is a fully independent package system with dedicated fuel tanks located on a skid below the bottom level generator. The top-level generators would each have a day tank, which is fed from the lower level belly fuel tank.

The generation yard would be electrically interconnected to the WDC building through a combination of underground and above ground cable bus to a location within the building that houses electrical distribution equipment. The additional 2-MW generator would be interconnected solely to the Power Base Building located on the WDC building southern side. The project includes the switchgear and distribution cabling to interconnect the generators to their respective interconnection points.

A new electrical substation would be constructed to the east of the data center, 17 feet from the eastern property line, which abuts the Union Pacific Railroad (UPRR) tracks. This new 90 megavolt amps (MVA) electrical substation would be a three-bay substation (three 30 MVA 60 kV-12kV step-down transformers). The substation would be capable of delivering electricity to the WDC from Silicon Valley Power (SVP) but would not allow any electricity generated from the WBGF to be delivered to the electrical grid.

Responsible and Trustee Agencies

In addition, the following California State governmental agencies received notice of the commenting period for the Initial Study/Proposed Mitigated Negative Declaration via the State Clearinghouse Section 15073 distribution process for Reviewing Agencies:

AIR RESOURCES BOARD

CALIFORNIA HIGHWAY PATROL

CALTRANS DISTRICT #4

CALTRANS DIVISION OF AERONAUTICS

CALTRANS PLANNING

FISH & GAME REGION #3

NATIVE AMERICAN HERITAGE COMMISSION

REGIONAL WATER QUALITY CONTROL BOARD #2

RESOURCES AGENCY

STATE WATER RESOURCES CONTROL BOARD: WATER QUALITY

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

DEPARTMENT OF WATER RESOURCES