

**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 #

**Project Title:** Vierra Reinforcement ProjectLead Agency: California Public Utilities CommissionContact Person: Mike RosauerMailing Address: 505 Van Ness Ave, Fourth FloorPhone: 415-703-2579City: San FranciscoZip: 94102-3298County: San Francisco**Project Location:** County: Multiple, see attachment City/Nearest Community: Multiple, see attachmentCross Streets: Multiple, see attachment Zip Code: \_\_\_\_\_Longitude/Latitude (degrees, minutes and seconds): see ° attach ' \_\_\_\_\_ " N / \_\_\_\_\_ ° ' \_\_\_\_\_ " W Total Acres: 1mile in lengthAssessor's Parcel No.: Multiple

Section: \_\_\_\_\_ Twp.: \_\_\_\_\_ Range: \_\_\_\_\_ Base: \_\_\_\_\_

Within 2 Miles: State Hwy #: see attachmentWaterways: see attachmentAirports: NoneRailways: see attachment Schools: see attachment**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: See attachment**Development Type:** Residential: Units \_\_\_\_\_ Acres \_\_\_\_\_ Office: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_ Transportation: Type \_\_\_\_\_ Commercial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_ Mining: Mineral \_\_\_\_\_ Industrial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_ Power: Type \_\_\_\_\_ MW \_\_\_\_\_ Educational: \_\_\_\_\_ Waste Treatment: Type \_\_\_\_\_ MGD \_\_\_\_\_ Recreational: \_\_\_\_\_

Hazardous Waste: Type \_\_\_\_\_

 Water Facilities: Type \_\_\_\_\_ MGD \_\_\_\_\_ Other: New 1-mile power line, substation & telecom tower mods.**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**Present Land Use/Zoning/General Plan Designation:**

See attachment

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

Expansion of PG&E's Vierra Substation in Lathrop near the border with Manteca. A new 1-mile double-circuit 115kV power line would provide San Joaquin County with a more reliable connection to the regional transmission system, increasing the reliability and capacity of the electric grid serving the cities of Lathrop and Manteca, to avoid power outages for approximately 120,000 households and businesses in Lathrop, Manteca, and surrounding communities. The project includes upgrades within existing fence lines at 6 other remote substations: 5 in San Joaquin County and 1 in Alameda County) and the addition of microwave dishes to existing telecommunications towers at Mount Oso (Stanislaus County) and Highland Peak (Contra Costa County) microwave stations. See attachment for more details about remote substation modifications and upgrades.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

## 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 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 #10	<input checked="" type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input checked="" type="checkbox"/> Regional WQCB #5
<input 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 checked="" 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 checked="" type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region #2	<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	

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

Starting Date October 16, 2020 Ending Date November 16, 2020

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### Lead Agency (Complete if applicable):

Consulting Firm: <u>California Energy Commission</u>	Applicant: <u>Pacific Gas &amp; Electric Company</u>
Address: <u>1516 9th Street, MS 40</u>	Address: <u>300 E. State Street, Suite 600</u>
City/State/Zip: <u>Sacramento, CA 95814</u>	City/State/Zip: <u>Redlands, CA 92373</u>
Contact: <u>Lisa Worrall</u>	Phone: <u>909-793-4942 or 415-973-5248</u>
Phone: <u>916-661-8367</u>	

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**Signature of Lead Agency Representative:**  **Date:** October 12, 2020

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

Notice of Completion and Environmental Document Transmittal  
Attachment 1

Project Location

<b>Project Component</b>	<b>County</b>	<b>City/Nearest Community</b>	<b>Within 2 Miles</b> (State Highway, Waterways, Airports, Railways, Schools)
New power line	San Joaquin	Lathrop	Highway 120; Interstate 5; San Joaquin River; Union Pacific Railroad; Lathrop Elementary, Manteca Unified Vocational Academy, Mossdale Elementary, River Islands Tech Academy, Sierra High, Stella Brockman Elementary
Vierra Substation expansion	San Joaquin	Lathrop	Highway 120; Interstate 5; San Joaquin River; Union Pacific Railroad; Lathrop Elementary, Manteca Unified Vocational Academy, Mossdale Elementary, Sierra High, Stella Brockman Elementary
Howland Road Substation	San Joaquin	Lathrop	Highway 120; Interstate 5; San Joaquin River; Union Pacific Railroad; Joseph Widmer, Jr. Elementary, Lathrop Elementary, Lathrop High, Manteca Unified Vocational Academy, Mossdale Elementary, Stella Brockman Elementary
Kasson Substation	San Joaquin	Banta	Interstates 5 and 205; Union Pacific Railroad; Banta Elementary
Manteca Substation	San Joaquin	Manteca	Highways 99 and 120; Union Pacific Railroad; Brock Elliott Elementary, East Union High, George McParland Elementary, Golden West Elementary, Great Valley Academy - Manteca, Joshua Cowell Elementary, Lincoln Elementary, Lions N Lambs Preschool/Kindergarten, Manteca Adventist Christian School, Manteca Community Day (7-12), Manteca Community Day (K-6), Manteca High, Manteca Unified Vocational Academy, Neil Hafley Elementary, Sequoia Elementary, Shasta Elementary, Sierra High, St. Anthony School, Stella Brockman Elementary, Veritas Elementary
Ripon Cogen Substation	San Joaquin	Ripon	Highway 99; Union Pacific Railroad; Park View Elementary, Ripon Christian Schools Pk-12, Ripon Elementary, Ripon High, Ripona Elementary, Weston Elementary
Tesla Substation	Alameda	Mountain House	Interstate 580; Union Pacific Railroad

Tracy Substation	San Joaquin	Tracy	Interstate 205; Union Pacific Railroad; Bella Vista Christian Academy, Central Elementary, Discovery Charter, Duncan-Russell Continuation, Excel High, George and Evelyn Stein Continuation, Kindercare Learning Centers, Louis A. Bohn Elementary, Louis J. Villalovoz Elementary, McKinley Elementary, Melville S. Jacobson Elementary, Merrill F. West High, Millennium Charter, Monte Vista Middle, Montessori School of Tracy, North Elementary, Primary Charter, South/West Park Elementary, St. Bernard's Catholic School, Tracy High, Tracy SDA School, West Valley Christian Academy, Willow Community Day
Mount Oso Telecommunication Tower	Stanislaus	Diablo Grande	none
Highland Peak Telecommunication Tower	Contra Costa	Tassajara	none

Project Component	Longitude	Latitude	Cross Streets	
New power line (western extent)	121°17'27.20"W	37°47'49.50"N	Nestle Way	Christopher Way
(eastern extent)	121°16'30.99"W	37°47'53.16"N	D'Arcy Parkway	Vierra Road
Vierra Substation expansion	121°16'30.28"W	37°47'52.51"N	D'Arcy Parkway	Vierra Road
Howland Road Substation	121°16'35.52"W	37°48'31.57"N	Howland Road	E. Louise Ave
Kasson Substation	121°20'28.96"W	37°44'44.87"N	Mancuso Rd.	S. Kasson Rd (J4)
Manteca Substation	121°13'25.31"W	37°48'3.74"N	Elm Ave.	W. North St.
Ripon Cogen Substation	121° 8'47.21"W	37°45'20.35"N	N. Highland Ave.	99 Frontage Rd.
Tesla Substation	121°33'53.74"W	37°42'43.63"N	Midway Rd.	W. Patterson Pass Rd.
Tracy Substation	121°24'57.28"W	37°44'55.82"N	N. MacArthur Dr.	E. Grant Line Rd.
Mount Oso Telecommunication Tower	121°22'23.67"W	37°30'6.15"N	Mt. Oso Rd.	Unnamed dirt access road
Highland Peak Telecommunication Tower	121°48'30.18"W	37°48'52.33"N	Morgan Territory Rd.	Manning Rd.

### Local Action Type

Other: Permit to Construct issued by the California Public Utilities Commission

### Present Land Use/Zoning/Land Use Designation

The land use, zoning, and land use designation for the project components are as follows:

<b>Project Component</b>	<b>Present Land Use</b>	<b>Zoning</b>	<b>Land Use Designation</b>
New power line	Industrial	General Industrial	General Industrial
Vierra Substation expansion	Agricultural	General Industrial	General Industrial
Howland Road Substation	substation	General Industrial	General Industrial
Kasson Substation	substation	General Agriculture	General Agriculture
Manteca Substation	substation	Public/Quasi-Public	Public/Quasi-Public
Ripon Cogen Substation	substation	Heavy Industrial	Heavy Industrial
Tesla Substation	substation	Agricultural	Large Parcel Agriculture
Tracy Substation	substation	Light Industrial	Industrial
Mount Oso Microwave Station	telecommunication tower, vacant grassland	Exclusive Agricultural	Agricultural
Highland Peak Microwave Station	Telecommunication tower, vacant scrub and valley needlegrass habitat	General Agricultural	Agriculture

### Project Description

The project consists of the following components:

- **New Power Line.** An approximately 1-mile-long, double-circuit 115 kV power line would be installed on approximately 16 tubular steel poles.
- **Vierra Substation Expansion.** Vierra Substation would be expanded approximately 340 feet to the west. The existing 115 kV equipment would be replaced, upgraded, and reconfigured to accommodate the new 115 kV double-circuit lines. A new microwave tower with antenna would be installed.
- **Remote Substation Modifications.** In addition to expanding Vierra Substation, the project would require modifications to Howland Road, Kasson, Manteca, Tracy, Ripon Cogen, and Tesla substations to integrate protection of the new line into the existing system. Telecommunication equipment would be installed at Kasson, Manteca, and Tracy, including microwave dishes on new monopoles. Control room equipment would be upgraded at Howland Road, Ripon Cogen and Tesla substations. An antenna would be installed at Howland Road Substation, along with a new circuit switcher, voltage transformer rated at 12.47/115 kV and 12/16 MVA and other minor equipment modifications.
- **Remote Telecommunication Tower Upgrades.** Microwave dishes would be installed on the existing Mount Oso and Highland Peak telecommunication towers.