

**From:** [O'Connor, Kevin](#)  
**To:** [Downtown West Project](#)  
**Subject:** public files  
**Date:** Thursday, June 4, 2020 3:13:52 PM  
**Attachments:** [CSJ Interconnection Application Form Submitted to PG&E on 06-03-2020.pdf](#)

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**Pacific Gas and  
Electric Company®**

## INTERCONNECTION APPLICATION

### Interconnection Applicant Information

Legal Name of Interconnection Applicant

Name: City of San Jose, California

Contact Person: Kevin O'Connor

Title: Deputy Director, Community Energy Dept.

Mailing Address: 200 E. Santa Clara St., Floor 14

City: San Jose State: CA ZIP: 95112

Business Telephone #: 408-535-8538 Cell #: \_\_\_\_\_

E-Mail Address: kevin.oconnor@sanjoseca.gov

Additional Contact Information

Contact Name: Lori Mitchell

Title: Director, Community Energy Dept.

Mailing Address: 200 E. Santa Clara St., Floor 14

City: San Jose State: CA ZIP: 95112

Business Telephone #: 408-535-4880 Cell #: \_\_\_\_\_

E-Mail Address: lori.mitchell@sanjoseca.gov

## INTERCONNECTION APPLICATION

### Interconnection Facility Information

Describe the FERC tariffs under which service is being requested.

*Attachment 1 - Statement of Applicable Tariff & Eligibility*

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Describe Applicant's eligibility to apply for interconnection service under the tariffs identified.

*Attachment 1 - Statement of Applicable Tariff & Eligibility*

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Specify proposed point of interconnection or site (with sufficient detail to locate point on a USGS map).

*Attachment 2 - Vaults near PG&E's Station A  
on Otterson Street, San Jose, CA*

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Specify proposed voltage level of interconnection.

*115kV*

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Specify requested type of interconnection (tap-line, double tap, loop).

*Double tap*

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If tap-line, does customer want to engineer, construct, and own?

*San Jose proposes to engineer, construct, and own.*

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Description of type of load: summer or winter peaking, daily cycling, residential, commercial, (heavy, light) industrial, pump, dispatchable:

*mixed use development, primarily commercial and industrial*

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Maximum load (MW) and power factor: \_\_\_\_\_ MW @ \_\_\_\_\_ p.f.

*Loads as shown in Attachment 3, PF as required by CAISO*

(Note: For loads connected to the CAISO Controlled Grid, power factor must remain between 0.97 and 0.99.)

Describe voltage regulation devices being installed to maintain CAISO required load power factor.

*To Be Determined - will follow good utility practices.*

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Provide Load Forecast for 5-10 years (monthly energy and demand).

*See Attachment 3 - Load Forecast*

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Proposed date for energizing the interconnection.

*January 1, 2025*

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Requested term of Interconnection Service.

*Long Term - 30+ years*

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Describe any on-site generation (where on-site generation exceeds 15% of site load, additional generator data will be required).

*To Be Determined*

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Main transformer bank data, if applicable (MVA, voltages, impedance and connection).

*115/12kV or 115/21 kV, Delta-Wye, 30/45 MVA*

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Provide general outdoor arrangement of the applicant's substation, if applicable.

*See Attachment 4 - General Arrangement*

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Provide applicant's substation one-line diagram, if applicable.

*See Attachment 5 - Single Line Diagram*

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For pumping plants and industrial facilities, starting KVA and power factor of the largest motor or group of motors \_\_\_ KVA \_\_\_ PF

*To Be Determined*

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Describe Applicant's protection equipment.

*Per PG&E's Transmission Interconnection Handbook*

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ATTACHMENT 1

**STATEMENT OF APPLICABLE TARIFF & ELIGIBILITY**

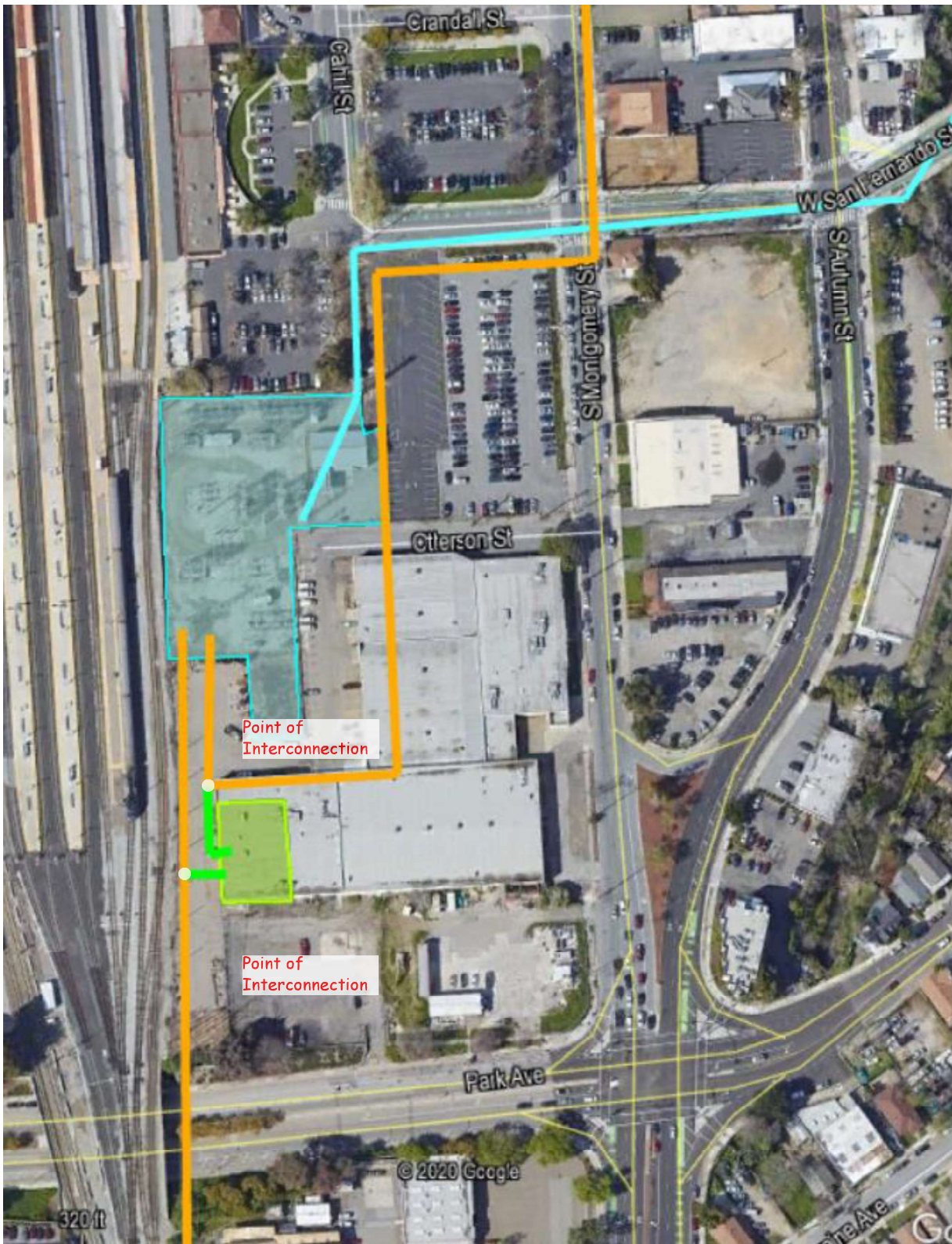
**This statement is not provided in the form of a legal opinion. San Jose is requesting service pursuant to the Pacific Gas & Electric Company Transmission Owner Tariff (TO Tariff) FERC Electric Tariff Volume No. 5 San Jose is an Eligible Customer as defined in PG&E TO Tariff Section 3.20 because it is a municipality and intends to be a utility that will own or control electric facilities to deliver energy between the point of interconnection and its retail customers and will generate, buy and/or sell energy into, out of, or through the California Independent System Operator Controlled Grid. San Jose is eligible for interconnection consistent with the provisions of Section 210(a) of the Federal Power Act.**

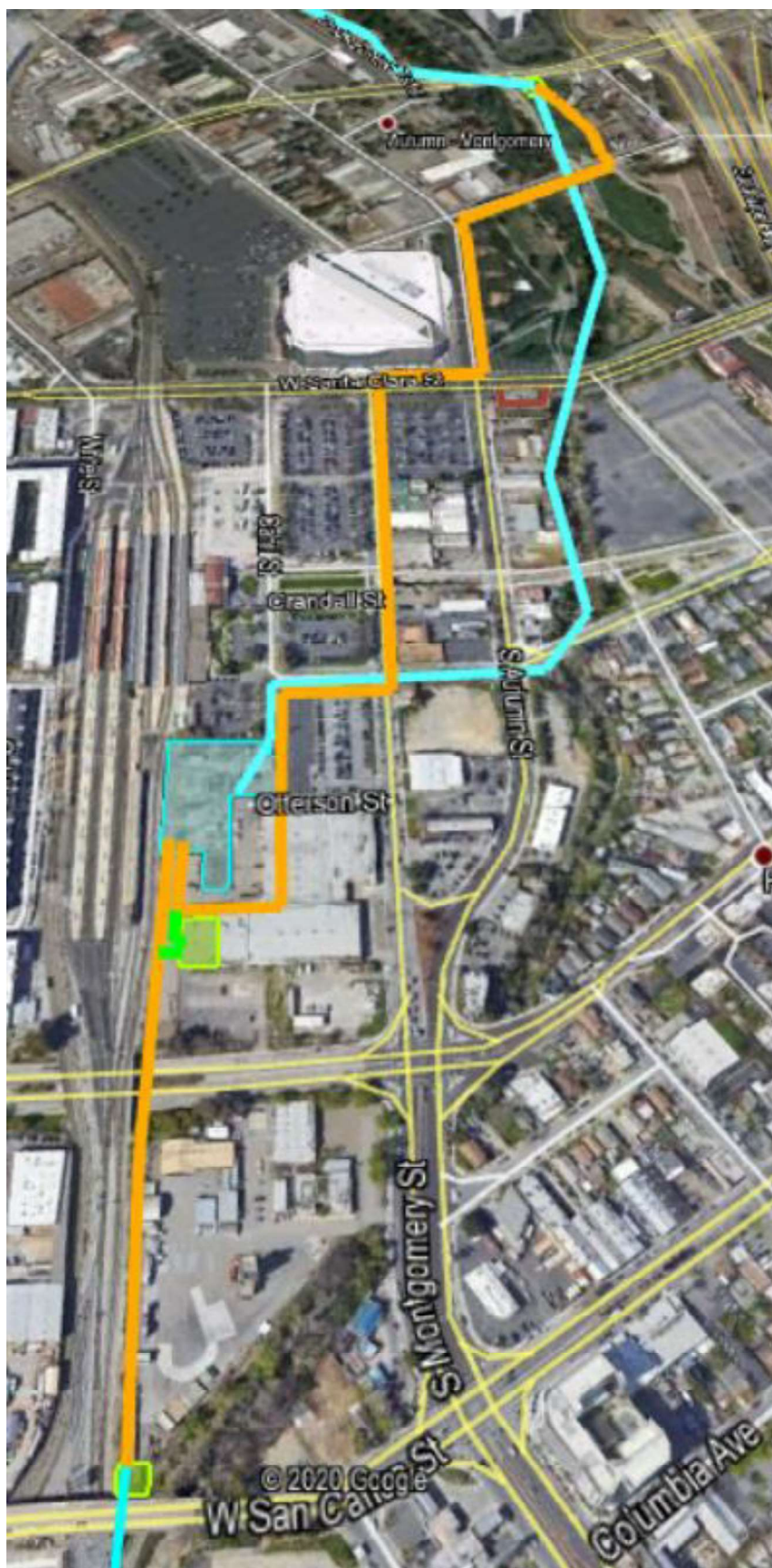
ATTACHMENT 2

**POINT OF INTERCONNECTION**

**LEGEND:**

- Blue - Existing Station A & OH 115kV Lines
- Orange - Proposed UG 115kV Lines requested by Google
- Green - Proposed Interconnection Facilities requested by City of San Jose





ATTACHMENT 3  
**LOAD FORECAST**

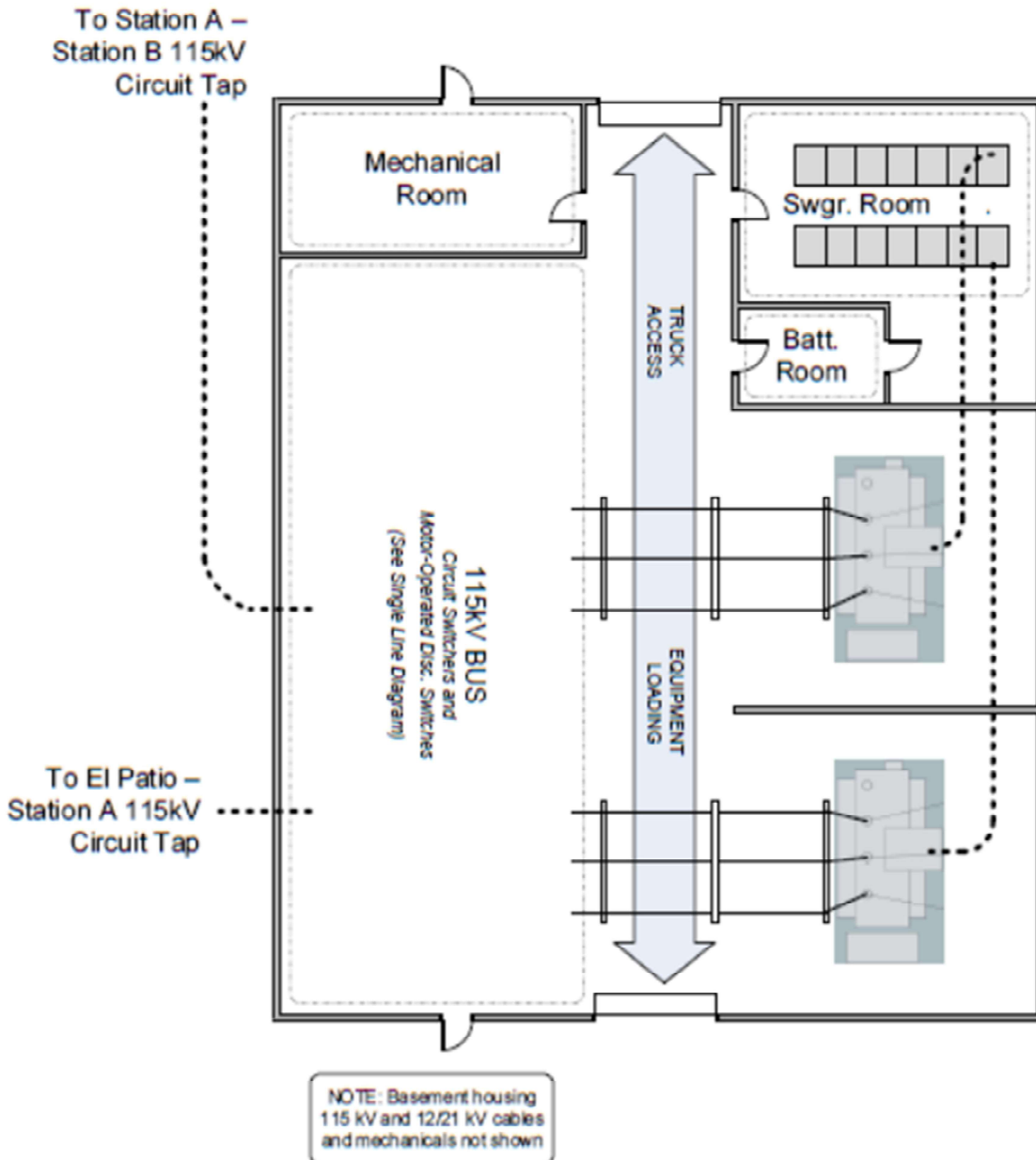
<b>Year</b>	<b>Annual Peak Load (MW)</b>	<b>Annual Total Energy (MWh)</b>
2025	9.0	47,304
2026	25.2	132,451
2027	27.4	144,014
2028	27.4	144,014
2029	32.3	169,769
2030	39.7	208,663
2031	41.2	216,547
2032	44.3	232,841
2033	44.3	232,841
2034	47.9	251,762

*NOTE: Annual Total Energy based on 60% Annual Load Factor.*

*NOTE: Monthly forecasts will be provided later.*

ATTACHMENT 4

**GENERAL ARRANGEMENT  
ELECTRIC UTILITY BUILDING**



ATTACHMENT 5

## SINGLE LINE DIAGRAM

