

From: [Doug Boccignone](#)
To: [O'Connor, Kevin](#)
Cc: [Barry Flynn](#); [Mike Keller](#)
Subject: Draft Response to PG&E Interconnection Application Request
Date: Thursday, May 21, 2020 9:51:07 AM
Attachments: [CSJ Interconnection Application V5 .pdf](#)

[External Email]

Kevin,

Per our discussion Tuesday, attached is a draft response to PG&E's request for additional information related to San Jose's interconnection application. We suggest asking Google to review the draft responses, provide San Jose relevant information that Google already has provided to PG&E, and provide Google's suggestions each response. In particular,

1. Please review Attachment 2 to confirm it reflects Google's current plans for the locations of the undergrounded PG&E 115 kV lines, the City substation and the tap connections to the underground lines
2. Please review the description of type of load: summer or winter peaking, daily cycling, residential, commercial, (heavy, light) industrial, pump, dispatchable.
3. If Google has identified the Power Factor associated with the forecast 2026 and 2035 demands, please provide it.
4. Attachment 3 – Load Forecast. Please provide monthly demand and energy for 5 – 10 years.
5. Please review and comment on the response to the question about on-site generation, especially the amount of solar and whether to include storage and non-solar generation.
6. Please review and comment on Attachment 4 – General Arrangement
7. Please provide input re: pumping plants and industrial facilities, starting KVA and power factor of the largest motor or group of motors
8. Please review and comment on Attachment 5 – Single Line Diagram

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**Pacific Gas and
Electric Company®**

INTERCONNECTION APPLICATION

Interconnection Applicant Information

Legal Name of Interconnection Applicant

Name: _____

Contact Person: _____

Title: _____

Mailing Address: _____

City: _____ State: _____ ZIP: _____

Business Telephone #: _____ Cell #: _____

E-Mail Address: _____

Additional Contact Information

Contact Name: _____

Title: _____

Mailing Address: _____

City: _____ State: _____ ZIP: _____

Business Telephone #: _____ Cell #: _____

E-Mail Address: _____

INTERCONNECTION APPLICATION

Interconnection Facility Information

Describe the FERC tariffs under which service is being requested.

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

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

Specify proposed voltage level of interconnection.

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

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

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

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

(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.

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

Proposed date for energizing the interconnection.

Requested term of Interconnection Service.

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

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

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

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

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

Describe Applicant's protection equipment.

ATTACHMENT 1

STATEMENT OF APPLICABLE TARIFF & ELIGIBILITY

Description of FERC tariffs under which service is being requested and Eligibility for San Jose to apply for interconnection service under the tariffs identified.

Statement in the form of a legal opinion would be preferred. However, if legal opinion is delayed, the following initial statement from project team could be provided initially.

Potential statement:

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 pursuant to PG&E TO Tariff Section 3.20 because it intends to be a utility that will buy or sell energy into, out of, or through the California Independent System Operator Controlled Grid, and is eligible for interconnection consistent with the provisions of Section 210(a) of the Federal Power Act.

ATTACHMENT 2

POINT OF INTERCONNECTION





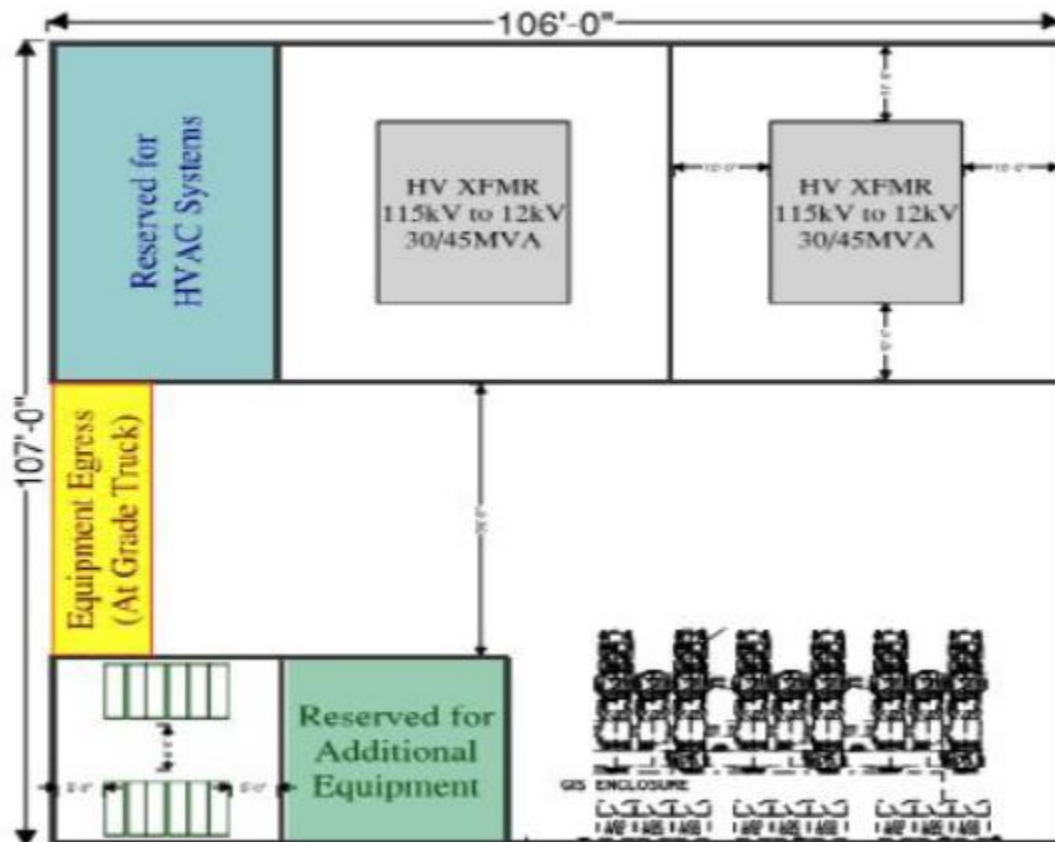
ATTACHMENT 3

LOAD FORECAST

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

ATTACHMENT 4

**GENERAL ARRANGEMENT
ELECTRIC UTILITY BUILDING**



ATTACHMENT 5

SINGLE LINE DIAGRAM

