

From: [Smith, Martin](#)
To: [O'Connor, Kevin](#)
Cc: [Virani, Nadim \(ET\)](#); [Mitchell, Lori](#)
Subject: RE: City of San Jose Application for Interconnection
Date: Friday, June 12, 2020 4:36:55 PM
Attachments: [CSJ Interconnection Application Form Submitted to PG&E on 06-03-2020.pdf](#)

[External Email]

Hi Kevin,

Thank you for providing the application form. We have a few additional questions regarding the application information.

1. Will the orange lines shown in Attachment 2 be upgraded from PG&E overhead lines to underground lines?
2. Please provide the length, conductor type, and impedance of the green and orange lines shown in Attachment 2.
3. Please clarify whether the load forecast MW includes existing load and new load. Where will they be connected to? Will there be any change to PG&E existing load? Please provide additional information to the load forecast to show how much load is new and how much load is from existing load in the area from 2025 to 2034. For the existing loads, please also provide which substation(s) the loads are moved from.
4. Does the load forecast MW include the new Google load? If yes, please provide additional information to the load forecast showing how much load is from Google from 2025 to 2034.
5. Where will the new Google load be located? How much is the load forecast MW of the new Google load in the future years? Please provide a table for the load projection for Google load forecast from 2025 to 2034.
6. Please note that PG&E standards do not allow any new interconnections to tap PG&E transmission lines.

Please let me know if you have any questions.

Thanks,

Martin Smith | Transmission Contract Manager, Sr.
Electric Transmission Contract Management, Electric Grid Interconnection
Pacific Gas & Electric Company
77 Beale Street, Room 1360 | MC: B13U
Office: (415) 973-4536
Mobile: (925) 872-0288
E-Mail: martin.smith@pge.com

From: O'Connor, Kevin <Kevin.Oconnor@sanjoseca.gov>
Sent: Wednesday, June 3, 2020 4:25 PM
To: Smith, Martin <MES3@pge.com>
Cc: Virani, Nadim (ET) <nsvg@pge.com>; Mitchell, Lori <Lori.Mitchell@sanjoseca.gov>
Subject: RE: City of San Jose Application for Interconnection

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Hello Martin,

Please find attached the completed Application for Interconnection form. I will also mail a paper copy to the address you provided below.

Also, as you may be aware, the City of San Jose is coordinating it's interconnection application with Google, Inc. to ultimately provide electric service to Google's Downtown West Mixed-Use development project in Downtown San Jose. Some of the information requested by PG&E is not included in the City's response because it is not available from Google at this time and to be determined later. The City will provide this information as it becomes available.

Thank you for your assistance, Martin. Please let me know if you have any questions.

Regards,

Kevin O'Connor
Energy Resilience Coordinator
City of San Jose Community Energy Department
Email: kevin.oconnor@sanjoseca.gov
Ph: (408) 535-8538

From: O'Connor, Kevin
Sent: Friday, May 29, 2020 2:39 PM
To: Smith, Martin <MES3@pge.com>
Cc: Virani, Nadim (ET) <nsvg@pge.com>; Mitchell, Lori <Lori.Mitchell@sanjoseca.gov>
Subject: RE: City of San Jose Application for Interconnection

Hi Martin,

Thank you for checking in. We are expecting to provide our response next week. I'll keep you posted.

Regards,

Kevin O'Connor
Energy Resilience Coordinator
City of San Jose Community Energy Department

Email: kevin.oconnor@sanjoseca.gov
Ph: (408) 535-8538

From: Smith, Martin <MES3@pge.com>
Sent: Friday, May 29, 2020 9:43 AM
To: O'Connor, Kevin <Kevin.Oconnor@sanjoseca.gov>
Cc: Virani, Nadim (ET) <nxvg@pge.com>; Mitchell, Lori <Lori.Mitchell@sanjoseca.gov>
Subject: RE: City of San Jose Application for Interconnection

[External Email]

Hello Kevin,

Thank you for confirming receipt of the Application for Interconnection form.

If you have any questions concerning the application, or if you know when PG&E might expect to receive the completed application, please let me know at your earliest convenience.

Best regards,

Martin Smith | Transmission Contract Manager, Sr.
Electric Transmission Contract Management, Electric Grid Interconnection
Pacific Gas & Electric Company
77 Beale Street, Room 1360 | MC: B13U
Office: (415) 973-4536
Mobile: (925) 872-0288
E-Mail: martin.smith@pge.com

From: O'Connor, Kevin <Kevin.Oconnor@sanjoseca.gov>
Sent: Thursday, May 14, 2020 5:03 PM
To: Smith, Martin <MES3@pge.com>
Cc: Virani, Nadim (ET) <nxvg@pge.com>; Mitchell, Lori <Lori.Mitchell@sanjoseca.gov>
Subject: RE: City of San Jose Application for Interconnection

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Dear Mr. Smith,

This is to confirm that I have received your message and will review and return a completed Application for Interconnection form as requested.

Thank you,

Kevin O'Connor
Energy Resilience Coordinator
City of San Jose Community Energy Department
Email: kevin.oconnor@sanjoseca.gov
Ph: (408) 535-8538

From: Smith, Martin <MES3@pge.com>
Sent: Thursday, May 14, 2020 4:45 PM
To: O'Connor, Kevin <Kevin.Oconnor@sanjoseca.gov>
Cc: Virani, Nadim (ET) <nxvg@pge.com>
Subject: City of San Jose Application for Interconnection

[External Email]

Dear Mr. O'Connor:

This is to confirm that PG&E has received the City of San Jose's letter dated April 30, 2020, notifying PG&E of City's request for interconnection near the PG&E San Jose Station A.

In accordance with Section 10 of the Transmission Owner Tariff, PG&E submits the attached Application for Interconnection form for City's review and completion.

Please return an electronic copy of the completed application to myself at this e-mail address, and a paper copy of the completed application to the following address:

Pacific Gas and Electric Company
Electric Transmission Rates
Mail Code B13L
P.O. Box 770000
San Francisco, CA 94177
Attn: Manager, Electric Transmission Rates

Please confirm receipt of this message at your earliest convenience, and let me know if you have any questions.

Best Regards,

Martin Smith | Transmission Contract Manager, Sr.
Electric Transmission Contract Management, Electric Grid Interconnection

Pacific Gas & Electric Company
77 Beale Street, Room 1360 | MC: B13U
Office: (415) 973-4536
Mobile: (925) 872-0288
E-Mail: martin.smith@pge.com

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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

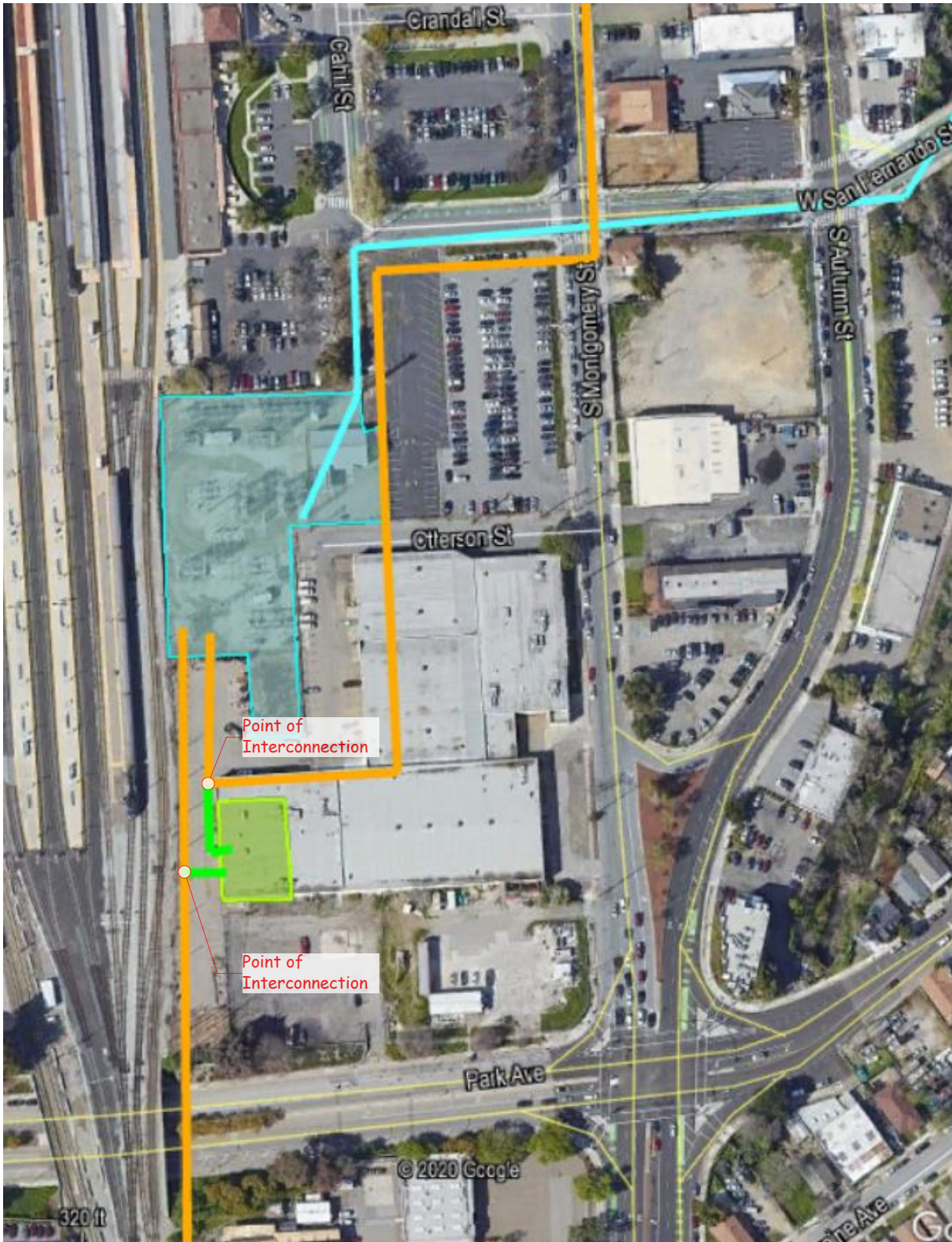
STATEMENT OF APPLICABLE TARIFF & ELIGIBILITY

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

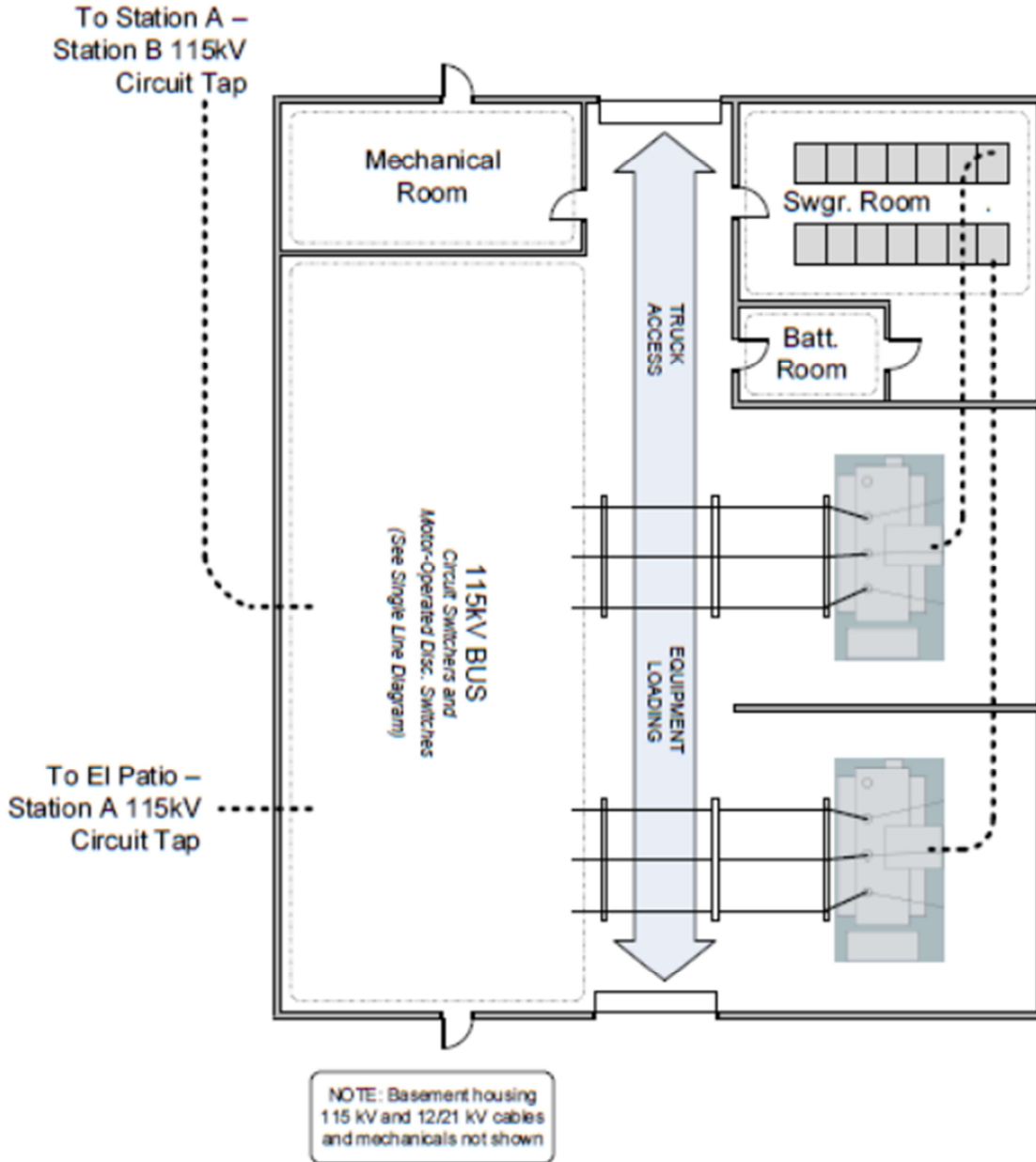
Year	Annual Peak Load (MW)	Annual Total Energy (MWh)
2025	9.0	47,304
2026	25.2	132,451
2027	27.4	144,014
2028	27.4	144,014
2029	32.3	169,769
2030	39.7	208,663
2031	41.2	216,547
2032	44.3	232,841
2033	44.3	232,841
2034	47.9	251,762

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

