

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



December 4, 2020

VIA MAIL AND EMAIL

Ms. Jo Lynn Lambert
Pacific Gas & Electric

SUBJECT: Gates 500 kV Dynamic Reactive Support Project PG&E Interconnection

Dear Ms. Lambert:

As the California Public Utilities Commission (CPUC) proceeds with our environmental review for LS Power Grid's Gates 500 kV Dynamic Reactive Support Project (Proposed Project), we have identified additional information that would help us adequately conduct the CEQA review. Specifically, we are looking for more details of the proposed activities that PG&E plans to undertake within the Gates substation in order to allow appropriate connection to and operation of the Proposed Project.

Please do not hesitate to call me at (805) 305-9084 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Pat Kelly".

Pat Kelly, Analyst
Infrastructure Planning and CEQA, Energy Division
California Public Utilities Commission

cc: Michael Manka, ESA
Julie Watson, ESA

Information Request to Support Gates 500 kV Dynamic Reactive Support Project's CEQA Evaluation

1. Provide a concise summary of any modifications or additional components required for the interconnection of the LS Power STATCOM units to the existing PG&E Gates substation (e.g. breakers, disconnect switches, protection and control devices, transmission lines). Please include:
 - a. Details describing the components of the gas insulated bus and type of gas to be used.
 - b. Length and approximate height of the 500 kV single-circuit overhead interconnection transmission lines needed to connect PG&E to proposed project's take-off towers.
2. Provide necessary drawings/description of to show the total footprint, location, dimensions, and layout of main substation upgrade and expansion components. Please include details of:
 - a. The proposed new boundary enclosure (outer wall) around the Gates Substation.
 - b. Above-ground and below-ground facilities including both depth and height ranges for each type of facility.
3. Provide construction details, including:
 - a. Construction timeline including estimated duration and completion dates for each construction phase that would be required for the upgrades/expansion. The estimated construction of LS Power Grid's Proposed Project would take approximately 17 months to complete, with an estimated start date of March 2022, occurring through December 2023. Please indicate whether construction activities related to PG&E's upgrades and expansion of the Gates Substation would occur during the estimated construction timeline of the Proposed Project.
 - b. Identifying new or existing roads that would be used for construction purposes and include lengths, widths, and development methods for new access roads.
 - c. Estimated number of vehicle trips and vehicle miles traveled (VMT), number of vehicles, estimated hours of operation per day, week, and month for each construction activity and phase.
 - d. Traffic control procedures that would be implemented during construction, temporary detour routes and locations.
 - e. A tabular list of the types, quantities, and daily use hours of equipment expected to be used during each construction phase for the upgrades/expansion.
4. Describe other projects planned at the Gates Substation during the 2022-2023 years for use in the CEQA cumulative projects analysis.