

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



July 8, 2021

VIA MAIL AND EMAIL

David Wilson  
LS Power Grid California  
5000 Hopyard Road, Suite 480  
Pleasanton, CA 94588

Ms. Jo Lynn Lambert  
Pacific Gas & Electric Company  
707 Brookside Avenue  
Redlands, CA 92373

SUBJECT: Data Request #2 for the Gates 500 kV Dynamic Reactive Substation Project

Dear Mr. Wilson and Ms. Lambert:

As the California Public Utilities Commission (CPUC) proceeds with our environmental review for the Gates 500 kV Dynamic Reactive Substation Project (Project), we have identified additional information required to adequately conduct the CEQA review. Please provide the information requested below (Data Request #2) by July 23, 2021. Please submit your response in electronic format to me and also directly to our environmental consultant, Environmental Science Associates (ESA), at the physical and e-mail addresses noted below. If you have any questions, please direct them to me as soon as possible.

Sincerely,

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

Patricia Kelly  
Infrastructure Planning and CEQA, Energy Division  
California Public Utilities Commission  
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ESA  
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## **Data Request #2**

### **Gates 500 kV Dynamic Reactive Substation Project**

#### **PG&E Interconnection and Gates Substation Upgrades**

On June 16, 2021, LS Power Grid California (LSPGC) provided the CPUC with revisions to Section 3.3.5, *Other Potentially Required Facilities, PG&E Interconnection Upgrades*, of its February 2021, Proponent's Environmental Assessment (PEA). The following requests/questions are associated with those revisions:

1. In response to a previous Data Request CPUC submitted on December 4, 2020, to PG&E regarding the PG&E interconnection to the Project and the proposed Gates Substation upgrades, PG&E provided two separate responses, one dated December 18, 2020, and one dated March 24, 2021. Please revisit those responses considering the revisions to PEA Section 3.3.5, *Other Potentially Required Facilities, PG&E Interconnection Upgrades*, and update the responses where necessary, including the additional construction assumptions detail for Response Item No. 3 with information about which phases would be expected to occur concurrently, and which phases would be constructed sequentially.
2. Provide an aerial image base map figure (and associated GIS data files) that shows the revised conceptual layout for PG&E's interconnection and the other Gates Substation upgrades, including where the new 500 kV circuits would be installed underground, where the installation would be above ground, and the location of new gas-insulated bus (GIB).
3. Provide a line drawing figure that shows PG&E's revised proposed interconnection and Gates Substation upgrades.
4. Provide a text narrative that describes the facilities shown in the conceptual layout and line drawing requested in Items 2 and 3, above.
5. The revisions indicate PG&E would relocate Bank 12's Bay 2 position using a GIB. What would be the sulfur hexafluoride (SF<sub>6</sub>) capacity of the GIB in terms of pounds, and what would be the anticipated annual GIB leak rate?