

**LSPGC - Power Santa Clara Valley Project (A. 24-04-017)**  
**Energy Division LS Power-PG&E Joint Data Request No. 1 dated April 24, 2025**  
**PG&E Response #1 dated May 2, 2025**

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**REPORT OVERVIEW**

The California Public Utilities Commission (CPUC) Energy Division, California Environmental Quality Act (CEQA) and Energy Permitting Unit, is currently developing a project description for the Power Santa Clara Valley Project (Project) pursuant to CEQA. As the CPUC proceeds with the environmental review for the Proposed Project, we have identified additional information that is needed to adequately conduct the CEQA analysis.

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Alternative Grove 3 (revised)		
3	Confirm all changes required for the connection between the Metcalf to Grove 500 kV AC transmission line and the PG&E Metcalf Substation under Alternative Grove 3.	<p>Since the Metcalf to Grove 500 kV AC station tie line for Alternative Grove 3 (revised) would be overhead, it would not require a steel substation termination/riser structure to transition the cable to a substation dead-end structure. Instead, the Metcalf to Grove 500 kV AC station tie line would be overhead from the LSPGC-owned dead-end structure within the Grove terminal to a PG&amp;E-owned dead-end structure inside Metcalf Substation.</p> <p>Under Alternative Grove 3 (revised), similar modifications to Metcalf Substation would still be necessary to allow the interconnection of the new Metcalf to Grove 500 kV station tie line. These modifications include the installation of a new 500 kV bay with associated equipment (e.g., circuit breakers, disconnect switches, bus work, etc.). The existing substation security wall would be extended/relocated approximately 325 feet to the north to allow the Metcalf to Grove 500 kV station tie line to connect into Metcalf Substation from the north and also allow future Metcalf Substation facilities to be developed. The proposed modifications to the existing Metcalf Substation facilities (pending final agreement between LSPGC and PG&amp;E) are shown in <b>Attachment A</b> to the LSPGC Response. The proposed Terminal is approximately 5.5 acres and would occupy the property within the Terminal Perimeter Wall. The Grove Terminal Site Boundary (Limits of Construction) shown on Attachment A have not been agreed upon.</p> <p>The new PG&amp;E facilities proposed at Metcalf Substation would range in height up to approximately 130 feet above grade.</p>
5	Under Alternative Grove 3, confirm if the PG&E water source line upgrade is needed.	The existing well water system that provides domestic and fire water for PG&E’s General Contractor Yard will be eliminated due to a conflict with the modification of PG&E’s substation. The primary purpose of

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		connecting the site to the nearby public water system is to replace the General Contractor Yard water source; therefore, under Alternative Grove 3 (revised), it will not be necessary to extend the public water system service line to the site.
6	Under Alternative Grove 3, confirm where PG&E’s Yard would be relocated.	<p>Under Alternative Grove 3 (revised), the existing PG&amp;E “Yard” at Metcalf Substation, including office, staging, and storage facilities, will need to be relocated. Crews at the current PG&amp;E Yard are critical to support PG&amp;E’s electric and gas operations and maintenance activities.</p> <p>The current Yard is located south of San Jose’s main populated areas and slightly north of the communities of Morgan Hill and Gilroy to the south. Due the unique location within PG&amp;E’s San Jose Division, crews staged at Metcalf Substation support customers to the north within greater San Jose and to the south. In the event a relocation site is not located very close to the current location, PG&amp;E will be required to identify and develop two locations, one to support customers in greater San Jose and one to support customers in Morgan Hill and other communities to the south. At this point, PG&amp;E is seeking viable options in greater San Jose and in the vicinity of Morgan Hill/Gilroy to ensure customer support is maintained.</p> <p>At this time, PG&amp;E does not have sufficient information to answer this question. However, PG&amp;E will confirm the location(s) where PG&amp;E Yard would be relocated as soon as PG&amp;E has something more concrete.</p>
7	Under Alternative Grove 3, confirm if additional upgrades or modifications to the PG&E Metcalf Substation are needed.	The upgrades or modifications to PG&E Metcalf Substation under Alternative Grove 3 (revised) are not materially different than the originally proposed Project. Minor differences in the 500 kV line connection facilities within Metcalf Substation would be necessary under Alternative Grove 3 (revised), as described in response to Request #3.