November 15, 2024

VIA EMAIL

Ms. Connie Chen
California Environmental Quality Act Project Manager
California Public Utilities Commission Energy Division
505 Van Ness Avenue
San Francisco, California 94201

RE: Supplemental Response #3 to the California Public Utilities Commission's Deficiency Report 1 for the LS Power Grid California, LLC's Collinsville 500/230 kV Substation Project (Application 24-07-018)

Dear Ms. Chen,

As requested by the California Public Utilities Commission (CPUC), LS Power Grid California, LLC (LSPGC) has collected and provided the additional information that is needed to deem the application for Certificate of Public Convenience and Necessity (CPCN) for the Collinsville 500/230 kV Substation Project (Proposed Project) as complete. This letter includes information that supplements our previous September 31, 2024, October 15, 2024, and October 31, 2024 responses to CPUC's Deficiency Report 1:

Response to DEF-14: Water Quality and Turbidity Impacts – As requested, a Sediment Dispersion Modeling Report (report) was prepared and it evaluated the anticipated total suspended solids (TSS) and bottom deposition levels for 14 different scenarios associated with the Proposed Project's in-water construction activities. Following a review of the results of the modeling, a sediment monitoring program was not recommended for the following reasons:

- Under all scenarios, elevated TSS levels from construction returned to zero or below 10 milligrams per liter within 20 to 30 hours of the end of construction activities. Peak TSS levels at the in-river transition structure would be limited to the immediate vicinity of the proposed construction activities and would disperse quickly as a function of distance. At the southern transition area, the proposed silt curtain contained elevated TSS levels. Based on the rapid decline of TSS following construction, it was determined that LSPGC's sediment containment measures were effective in minimizing TSS levels in the vicinity of Proposed Project.

- The submarine cable would result in less than 0.1 millimeter of sediment deposition. It was determined that deposition was not a concern for construction at the southern transition area and within the sheet piles at the in-river transition structure due to the implementation of adequate sediment control measures. For the remaining activities at the in-river transition structure, excavation and backfilling would result in a minor deposition that would decrease rapidly as a function of distance from the containment area.

Response to DR-6: Potential Aviation Hazard Determinations, and Potential Aviation Lighting and Marking (B) – Please see the attached Military Aviation and Installation Assurance Siting Clearinghouse coordination letter with the Department of Defense, which states thate the Proposed Project will have a minimal impact on military operations conducted in the area.

Please contact me at (925) 808-0291 or djoseph@lspower.com with any questions regarding this information. If needed, we are also available to meet with you to discuss the information contained in this response.

Sincerely,

Dustin Joseph

Dustin Joseph
Director of Environmental Permitting

Enclosures

cc: Jason Niven (LSPGC)
Doug Mulvey (LSPGC)
Lauren Kehlenbrink (LSPGC)
Clayton Eversen (LSPGC)
David Wilson (LSPGC)
Michelle Wilson (CPUC)
Aaron Lui (Panorama)