

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 3, 2025

Dustin Joseph, AICP
LS Power Grid California, LLC
16150 Main Circle Drive, Suite 310
Chesterfield, MO 63017

Re: Data Request #7 for LS Power Grid California, LLC's Collinsville 500/230 Kilovolt Substation Project (A.24-07-018)

Dear Mr. Joseph:

The California Public Utilities Commission (CPUC) Energy Division submits the attached Data Request #6 associated with LS Power Grid California, LLC's (LSPGC) Certificate of Public Convenience and Necessity (CPCN) Application (A.24-07-018) for the Collinsville 500/230 Kilovolt (kV) Substation Project. Attachment A of this data request contains questions and requested information applicable to LSPGC. The CPUC is requesting that LSPGC submit responses to this data request by July 16, 2025, as outlined below.

- LSPGC: Please respond to the data requests (DRs).

Please direct questions related to this request to me at Connie.Chen@cpuc.ca.gov.

Sincerely,

connie chen

Connie Chen
Project Manager, Energy Division

Attachment A: Data Request #7

cc: Michelle Wilson, CPUC Energy Division
Susanne Heim, Panorama Environmental, Inc.

Attachment A: Data Request



Project: LS Power Grid's Collinsville 500/230 kV Substation Project

Title: Data Request #7

From: California Public Utilities Commission
Panorama Environmental, Inc.

To: LS Power Grid California, LLC (LSPGC)
Pacific Gas and Electric Company (PG&E)

Date: July 3, 2025

DATA REQUESTS

DATA REQUESTS

Air Quality

Section/Page Reference	CPUC Comment	Request ID	CPUC Request	LSPGC/PG&E Response
Attachment 1-3 AQ & GHG Emissions & excel sheet	DR-1: Air Quality Calculations The air quality calculations spreadsheet provided on 6/27/25 is currently being manipulated to break out the terrestrial-based emissions for LSPGC and PG&E by year and by criteria air pollutant to obtain the average daily emissions by air district in support of the analysis of air quality impacts in the EIR. To ensure that the reporting is accurate this must also be provided by the LSPGC team.		Please provide an update to the 6/27/25 air quality calculations spreadsheet to show emission contributions by year for the LSPGC activities and the PG&E activities.	LSPGC
PEA, Section 5.3.4.4, page 5.3-22 Deficiency Report #1, DEF-13 Data Request #1, DR-3 Data Request #2, DR-9 Data Request #3, DR-13 Data Request #5,	DR-2: Health Risk Assessment In Response #1 to Data Request #4, LSPGC provided a Health Risk Assessment (Ldn Consulting, Inc. June 19 2025). Staff with Baseline Environmental Consulting have identified the follow-up data requests listed in the columns to the right.	A	Attachment E. Provide AERMOD report for the controlled scenario.	LSPGC
		B	Pittsburg Substation TAC DPM (minor comment): Page 12, 1st paragraph, it states that “Based on the site configuration, the average emission rate over the grading area is estimated at 1.24×10^{-8} g/s-m ² for the uncontrolled case and 8.10×10^{-9} g/s-m ² for the controlled case.” The emission rate for the controlled case differs slightly (about 1%) from our calculation of 8.19×10^{-9} g/s-m ² . This discrepancy is minor and does not affect the overall conclusions or warrant revisions. We are noting it here for transparency; however, based on Items C and D below, with changes potentially being implemented the LSPGC team may want to update.	LSPGC
		C	TAC DPM Emission Rates (for both substations): On page 11, the HRA states that “Over the construction duration, the project would emit an estimated 0.366 tons of diesel PM ₁₀ under uncontrolled conditions and 0.217 tons under controlled conditions, over a 651-day elapsed period. This equates to an average emission rate of approximately 0.00590 grams per second (g/s) under the uncontrolled scenario, and 0.0035 g/s under the controlled scenario.” It appears that these exhaust PM10 emission rates (0.0059 g/s and 0.0035 g/s) were estimated assuming 24-h of construction activity on every calendar day. In our previous review, we suggested that Ldn include a brief discussion on whether this assumption is more conservative than assuming emissions would occur on active workdays during daylight hours. The same comment applies to the Pittsburg Substation TAC DPM discussion. This comment does not appear to have been addressed in the revised HRA.	LSPGC

DATA REQUESTS

Section/Page Reference	CPUC Comment	Request ID	CPUC Request	LSPGC/PG&E Response
		D	Grading Area (DR#1, DR-3H follow-up): On page 11, under Collinsville Substation TAC DPM, it was mentioned that “Based on the site configuration, the average emission rate over the grading area is estimated at 1.73×10 ⁻⁷ grams/second per meter squared (g/s-m²) for the uncontrolled scenario and 1.02×10 ⁻⁷ g/s-m² for the controlled scenario”. Please clarify which figure, table, or Site Plan was referenced here. It is unclear to us how the source area was determined (does it refer to the total area of disturbance? If so, was the area of disturbance determined based on a site plan or map?). The same comment applies to the Pittsburgh Substation TAC DPM discussion on pages 11 and 12.	LSPGC
		E	Additional clarifications (DR#1, DR-3K follow-up). <ul style="list-style-type: none">• The AERMOD files are provided as Attachment A, B, E, and F, which include the model parameters, but do not include reference and justification for the model parameter used. Please provide references or justification for the model parameters used, such as release height and initial vertical dimensions.• Provide meteorological data source (e.g. data obtained from which MET station).	LSPGC