PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

July 23, 2020

Alex Gutierrez
Senior Advisor - Infrastructure Licensing
Southern California Edison

Via email to Alex.Gutierrez@sce.com

RE: CPUC Supplemental Data Request 5 for the Southern California Edison Alberhill System Project, A.09-09-022

Dear Mr. Gutierrez,

Upon further review of Southern California Edison's supplemental data response to the additional analyses requested in Decision 18-08-026, the Energy Division requests the information contained in Attachment 1 to this letter. Responses should be submitted to the Energy Division and Ecology and Environment, Inc. in electronic format. We request that SCE respond to this data request by August 7, 2020. Inform us as soon as possible if you cannot provide specific responses by this date. Delays in responding to this data request may cause delays in the supplemental analysis review process.

Direct questions to Joyce Steingass at (415) 703-1810 or by e-mail (address below). Please copy the CPUC's consultant, Amy DiCarlantonio and Grant Young, Ecology & Environment, Inc., on all communications (ADiCarlantonio@ene.com, GYoung@ene.com). Energy Division reserves the right to request additional information at any point during the proceeding and subsequently during project construction and restoration should Application (09-09-022) be approved.

Sincerely,

Joyce Steingass, P.E.
CPUC Project Manager
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102-3298
Joyce.Steingass@cpuc.ca.gov

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298

CC: Amy DiCarlantonio, Project Manager, Ecology and Environment, Inc.
Grant Young, Deputy Project Manager, Ecology and Environment, Inc.

Attachment 1: 2020-0723_Data Request No. 05_Table

Attachment 1: 2020-0723_Data Request No. 05_Table

DG #	Resource Areas/ Topic	SCE Data Submittal Item/Page	Data Gap Question	Response
DG-MISC-43	Reliability	N/A	Please provide the existing SAIDI, SAIFI, MAIFI, and CAIFI numbers from 2009-2019 for the following locations: 1. A-bank two transformers at Valley South substation 2. Entire Valley South substation 3. SCE system	
DG-MISC-44	Reliability	N/A	For the base case, please tabulate the N-0, N-1, and N-1-1 contingency results in terms of number of customer outages served by at A bank substation for all scenarios that impact downtime.	
DG-MISC-45	Reliability	N/A	For the case modeling the proposed Valley South project, please tabulate the N-0, N-1, and N-1-1 contingency results in terms of number of customer outages for all scenarios that impact downtime at A bank substation.	
DG-MISC-46	Reliability	N/A	For each of the proposed alternatives, please tabulate the N-0, N-1, and N-1-1 contingency results in terms of number of customer outages for all scenarios that impact downtime at A-bank substation.	
DG-MISC-47	Capacity	N/A	With the tie lines, there is opportunity to permanently shift load from Valley South to Valley North, which could alleviate the need for additional capacity at Valley South. What scenarios were studied to determine if a permanent load shift to Valley North would resolve the capacity issues at Valley South?	
DG-MISC-48	Capacity	N/A	What studies were performed in assessing the change in capacity needs at Valley North that may enable the permanent shift of some of the Valley South load to Valley North?	
DG-MISC-49	Capacity	N/A	Please provide list of WDAT/R21 projects and DDOR at Valley North, interconnection status of each, and estimated interconnection application completion date.	

Attachment 1: 2020-0723_Data Request No. 05_Table

DG #	Resource Areas/ Topic	SCE Data Submittal Item/Page	Data Gap Question	Response
DG-MISC-50	DER Growth Forecast Data	N/A	Please clearly define the difference between DER growth forecast data at the busbar substation level and DER growth forecast data at the circuit level.	
DG-MISC-51	Interim Battery Project	N/A	In SCE's analysis of the Alberhill project a Benefit/Cost analysis was performed wherein benefits were estimated by examining certain contingency events, their probabilities and associated customer financial impacts. Has such analysis been performed in support of SCE's statement that the interim battery project for near-term capacity needs is not cost justified? If so, please provide the analysis and if not please comment on the need to perform such analysis.	
DG-MISC-52	CEC Forecast Data	N/A	Please explicitly cite and share the CEC Forecast data that was given to Quanta for their study.	
DG-MISC-53	SCE load allocation	N/A	Please provide load allocation for Valley North substations similar to that provided for Valley South.	