

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



March 17, 2021

Alex Gutierrez
Senior Advisor - Infrastructure Licensing
Southern California Edison

Via email to Alex.Gutierrez@sce.com

RE: CPUC Supplemental Data Request 9 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 March 31, 2021. 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,

A handwritten signature in black ink, appearing to read "Joyce Steingass".

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

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

Attachment 1: 2021-0317_Data Request No. 09_Table

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| DG # | Resource Areas/ Topic | SCE Data Submittal Item/Page | Data Gap Question | Response |
|------------|--------------------------------|------------------------------|--|----------|
| DG-MISC-66 | COVID-19 Impacts | N/A | Provide data and associated analyses performed to date which review whether the COVID-19 shelter-in-place has driven changes in customer behaviors that have resulted in changed demand or consumption that would impact the need for capacity, reliability and resiliency improvements in the electrical needs area. | |
| DG-MISC-67 | Electrical Needs Area | N/A | Explain how an analysis of the electrical needs area at the individual customer meter level would impact Edison's conclusions regarding capacity, reliability, and resiliency improvements needed. | |
| DG-MISC-68 | AMI Data | N/A | Is SCE using SCADA or AMI data to quantify COVID-19 impacts? If so, can you describe how? If not, can you explain why not and what alternative approach is being taken? | |
| DG-MISC-69 | 2020 Peak Loading Values | N/A | Provide data and associated analysis to identify whether 2020 peak system loading values or load profiles are consistent with or deviate from historic levels. Additionally, include specific data related to the August 14-19, 2021 stage 3 emergency event. Explain how an analysis performed at the individual customer meter level might impact this conclusion. | |
| DG-MISC-70 | Summer Peak Loading Conditions | N/A | Because there will not be a project in place by 2021 summer peak season, what is SCE's plan to address summer peak loading conditions? | |
| DG-MISC-71 | DER Sensitivity Analysis | N/A | Explain SCE's approach to the DER sensitivity analysis performed, specifically the sizing and placements of DER. At which load levels or DER levels do the DER scenarios become ineffective and rank poorly relative to the other alternatives? | |
| DG-MISC-72 | COVID-19 Impacts | N/A | Provide SCE's assumptions about how long COVID-19 induced demand changes are estimated to persist and describe how, if at all, these changes are being incorporated into transmission and distribution planning efforts. | |
| DG-MISC-73 | COVID-19 Impacts | N/A | Quantify any estimates of how load changes associated with COVID-19 may have contributed to the August 2020 rolling blackouts and the use of the spare transformer in the Alberhill System. | |

Attachment 1: 2021-0317_Data Request No. 09_Table

| DG # | Resource Areas/ Topic | SCE Data Submittal Item/Page | Data Gap Question | Response |
|------------|-----------------------|---|--|----------|
| DG-MISC-74 | Rolling Blackouts | N/A | Did the weather events or load, other than the time the August 2020 blackouts were occurring, fall into the level of a 1 in 10-year heat storm? If the weather event or load did not fall into the level of a 1 in 10-year heat storm, did it exceed the 1 in 10-year heat storm level or was it below the 1 in 10-year heat storm level? | |
| DG-MISC-75 | Alternatives | A0909022-SCE ASP Amended Motion to Supplement - Exhibit I-1 Pages 5 and 12 | Is the “Valley South to Valley North to Vista and Distributed BESS in Valley South” alternative discussed in Exhibit I-1 the same alternative as the “Valley South to Valley North to Vista and CENTRALIZED BESS in Valley South” discussed in the Planning Study (Exhibit C-2) (i.e., distributed is a typo)? If not, provide clarification on where a description of the “Valley South to Valley North to Vista and Distributed BESS in Valley South” alternative can be found in the supplemental data filings. | |