

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



July 17, 2015

Mr. Thomas Burhenn  
Regulatory Affairs Department  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Rosemead, CA 91770

**Re: Data Request B for the Valley-Ivyglen Subtransmission Line Project and Alberhill System Project EIR**

Dear Mr. Burhenn:

The Energy Division of the California Public Utilities Commission is currently conducting environmental review of the Valley-Ivyglen Subtransmission Line Project and the Alberhill Project and has identified an additional data need. As a result, the Energy Division requests the information contained in Attachment 1.

We request that the response to these items be provided to us by Friday July 24, 2015. Upon receipt of the supplemental information, the Energy Division will use the information for the analyses in the Draft EIR.

The Energy Division reserves the right to request additional information at any point in the process. Questions relating to the Valley-Ivyglen or Alberhill Projects should be directed to me at (415) 703-5484 or Jensen.Uchida@cpuc.ca.gov.

Sincerely,

A handwritten signature in blue ink that reads "Jensen Uchida".

Jensen Uchida  
Energy Division  
Transmission and Environmental Permitting  
California Public Utilities Commission

Attachment 1: Data Request B

Cc: Alisa Krizek, SCE  
Bonny O'Connor, Ecology & Environment Inc.  
Kristi Black, Ecology & Environment Inc.

## Valley-Ivyglen and Alberhill System Projects Data Gap Request 7/17/15

DG#	Resource Area / Topic	Source / PEA Page	Data Gap Question	Request Date	Reply Date	Status	Notes
B1	Project Description	General	Discuss the feasibility of undergrounding 115-kV Segment VIG2 along SR-74 from SR-74's intersection with Allan Street to SR-74's intersection with Riverside Street. Provide a description of the work that would be necessary to construct this portion of VIG2 in an underground configuration, including disturbance areas and whether encroachment into SR-74 would be necessary.				
B2	Alternatives	General	What is the approximate schedule for undergrounding SCE's existing 33-kV line (Terra Cotta) through the Pacific Clay Mine, west of Lake street? Would the underground alignment follow the same route as the current overhead alignment?				
B3	Biological Resources	General	<ul style="list-style-type: none"> <li>a. Confirm that SCE easements on Castle and Cooke land will be subject to the MSHCP and provide documentation of agreement with Castle and Cooke and RCA. If no such agreement exists, clarify when one will be finalized or how take of T&amp;E species will be obtained for Castle and Cooke lands that are not subject to the MSHCP.</li> <li>b. Project Commitment BIO-15 states that, prior to start of construction, the applicant will obtain a Certificate of Inclusion (COI) from the RCHCA for the Valley-Ivyglen and Alberhill projects. Please provide an update on the status of these COIs.</li> </ul>				
B4	Hydrology and Water Quality and Utilities/ Service System	General	Given the ongoing drought conditions in the project region, provide any update regarding the source(s) of water for construction and operation phases of the Alberhill System Project and Valley-Ivyglen Project. Provide recent confirmation of water availability from the district(s) that would provide water.				
A2.1	Air Quality and GHG	ASP PEA Section 4.3	Tables 26 and 29 of the Air Quality and GHG emissions calculations for the Alberhill System Project include helicopter emission factors (Kaman K-Max model during 500-kV Tower Foundation and Sikorsky S64 during 500-kV Tower Erection). During verification of the Construction Equipment Exhaust Emission Factors for 500-kV Tower Erection, it was noted that the Guidance on the Determination of Helicopter Emissions (2009) does not provide specific factors for the Sikorsky S64 model. Describe the assumptions made for estimating emission factors for the Sikorsky S64 helicopter model.				
A2.2	Air Quality and GHG	ASP PEA Section 4.3	Table 17 of the Air Quality and GHG emissions calculations for the Valley-Ivyglen Project include emission factors for Off-site Helicopter Exhaust during conductor installation. During verification of the Construction Equipment Exhaust Emission Factors table, it was noted that sources of information for the Hughes 500E				

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			Helicopter GHG emission factors are dated 2008 (California Climate Action Registry General Reporting Protocol, April 2008). The CCAR published an updated protocol in March 2013 and updated emission factors in 2015. Clarify if helicopter emission factors provided in Table 17 have been updated to reflect the new estimated construction start year (2016).				