

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



November 15, 2022

Tom Diaz
SCE Regulatory Affairs - Infrastructure Licensing
Southern California Edison

Via email to thomas.diaz@sce.com

RE: CPUC Supplemental Data Request 14 for the Southern California Edison Alberhill System Project, A.09-09-022

Dear Mr. Diaz,

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 WSP in electronic format. We request that SCE respond to this data request by November 30, 2022. 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, WSP, on all communications (amy.dicarlantonio@wsp.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

PUBLIC UTILITIES COMMISSION

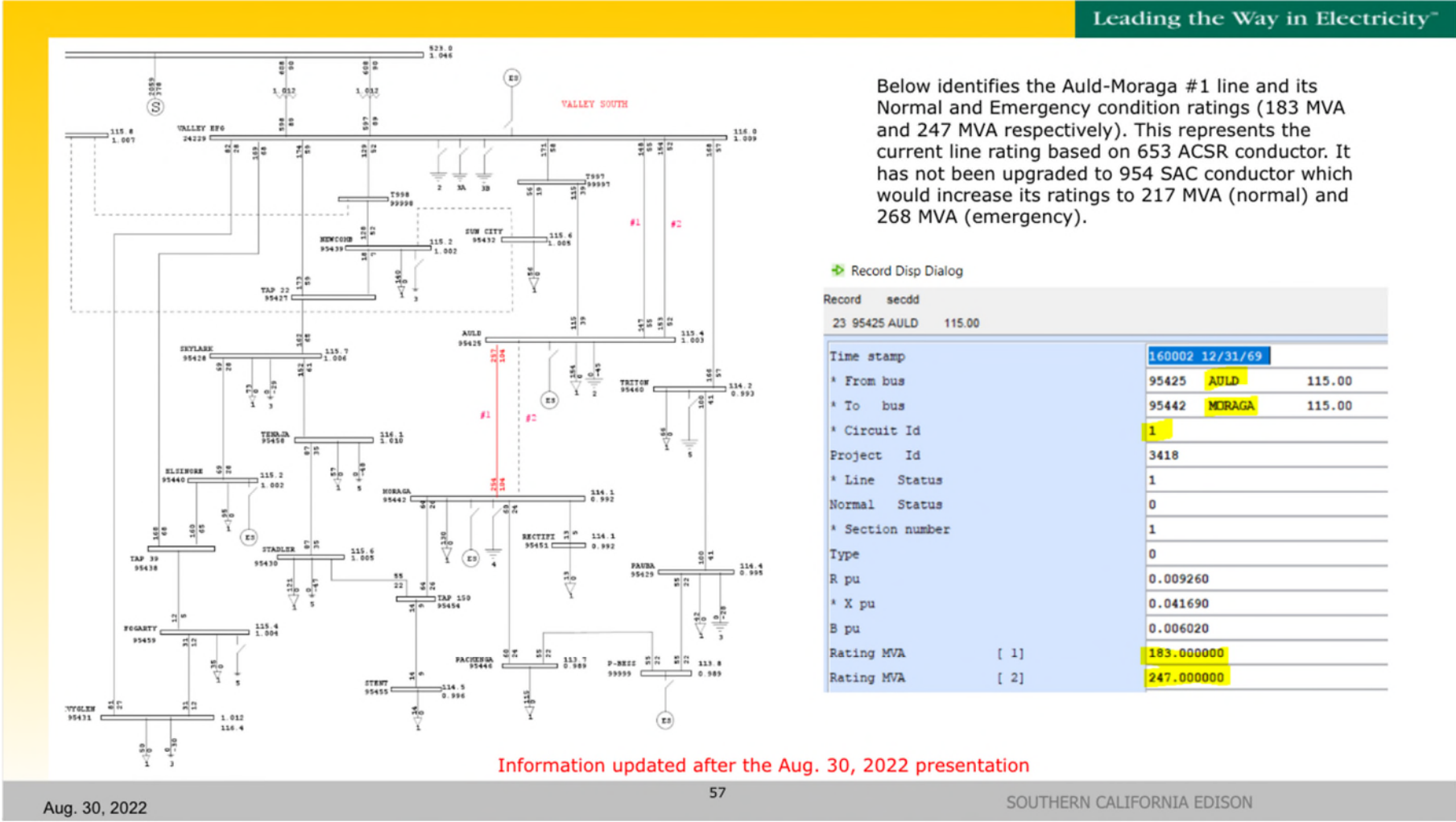
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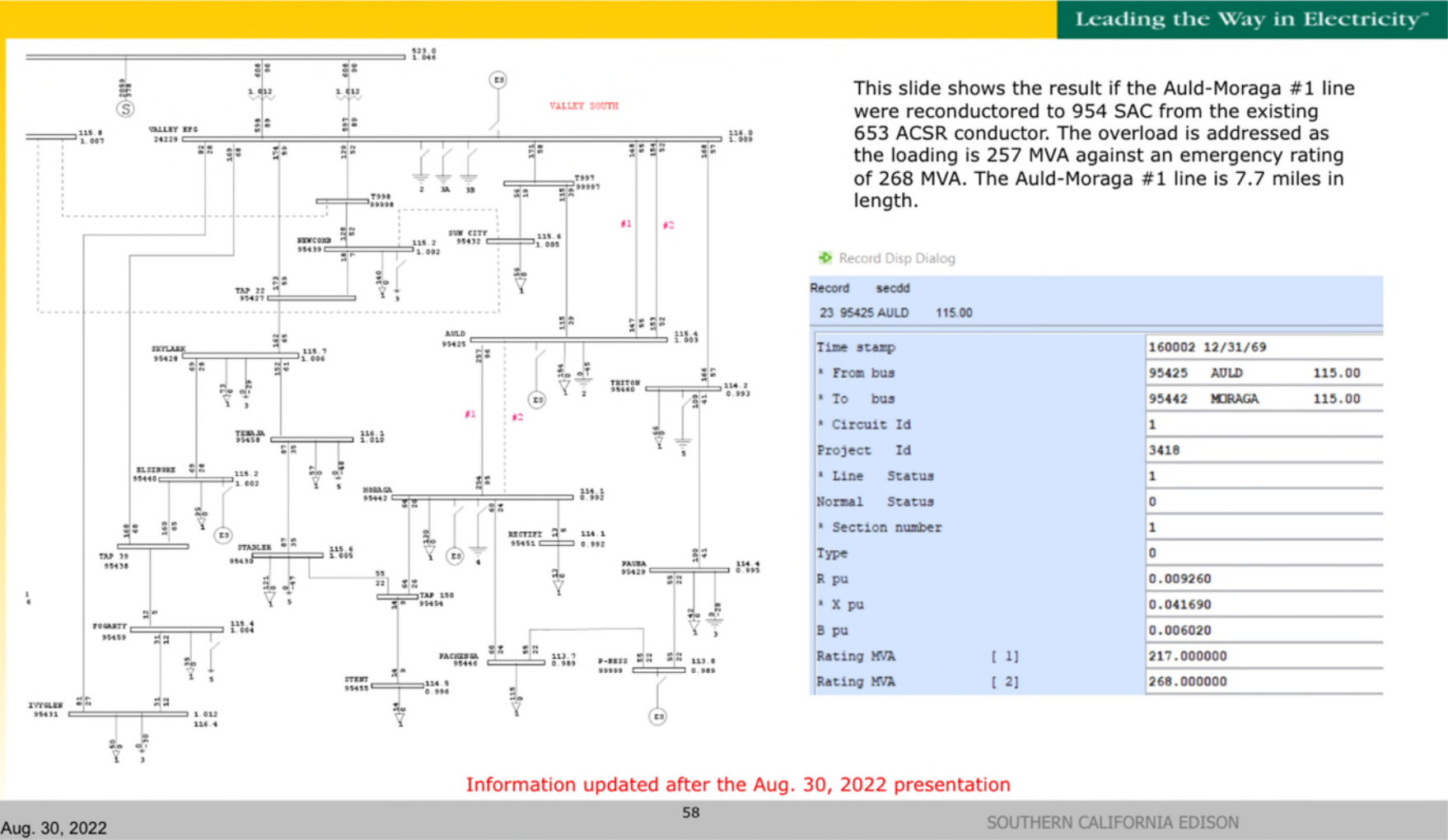
CC: Amy DiCarlantonio, Project Manager, WSP

Attachment 1: 2022-1115_Data Request No. 14_Table

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DG #	Resource Areas/ Topic	SCE Data Submittal Item/Page	Data Gap Question	Response																																																
DG-MISC-84	PSLF Validation	Alberhill System Project Energy Division Presentation 8/30/2022	<p>Are the impedance values show on slides Slide 57 and 58 of SCE's Alberhill System Project Energy Division Presentation deck from 8/30/2022 correct?</p> <p>Slides 57 and 58 (included below for reference) present the properties for a 653 ACSR conductor and 954 SAC conductor with identical impedance parameters. If the impedance parameters should change for the case of upgrading to the 954 SAC conductor, how does that alter the power flow through Auld-Moraga #1 Line? What is the impact on the battery sizing requirements?</p> <p>Slide 57</p>  <p>Below identifies the Auld-Moraga #1 line and its Normal and Emergency condition ratings (183 MVA and 247 MVA respectively). This represents the current line rating based on 653 ACSR conductor. It has not been upgraded to 954 SAC conductor which would increase its ratings to 217 MVA (normal) and 268 MVA (emergency).</p> <table border="1" data-bbox="1756 957 2418 1431"> <thead> <tr> <th>Record</th> <th>secd</th> <th>115.00</th> </tr> </thead> <tbody> <tr> <td>23</td> <td>95425 AULD</td> <td>115.00</td> </tr> <tr> <td>Time stamp</td> <td colspan="2">160002 12/31/69</td> </tr> <tr> <td>* From bus</td> <td>95425 AULD</td> <td>115.00</td> </tr> <tr> <td>* To bus</td> <td>95442 MORAGA</td> <td>115.00</td> </tr> <tr> <td>* Circuit Id</td> <td colspan="2">1</td> </tr> <tr> <td>Project Id</td> <td colspan="2">3418</td> </tr> <tr> <td>* Line Status</td> <td colspan="2">1</td> </tr> <tr> <td>Normal Status</td> <td colspan="2">0</td> </tr> <tr> <td>* Section number</td> <td colspan="2">1</td> </tr> <tr> <td>Type</td> <td colspan="2">0</td> </tr> <tr> <td>R pu</td> <td colspan="2">0.009260</td> </tr> <tr> <td>* X pu</td> <td colspan="2">0.041690</td> </tr> <tr> <td>B pu</td> <td colspan="2">0.006020</td> </tr> <tr> <td>Rating MVA [1]</td> <td colspan="2">183.000000</td> </tr> <tr> <td>Rating MVA [2]</td> <td colspan="2">247.000000</td> </tr> </tbody> </table> <p>Information updated after the Aug. 30, 2022 presentation</p> <p>Aug. 30, 2022 57 SOUTHERN CALIFORNIA EDISON</p>	Record	secd	115.00	23	95425 AULD	115.00	Time stamp	160002 12/31/69		* From bus	95425 AULD	115.00	* To bus	95442 MORAGA	115.00	* Circuit Id	1		Project Id	3418		* Line Status	1		Normal Status	0		* Section number	1		Type	0		R pu	0.009260		* X pu	0.041690		B pu	0.006020		Rating MVA [1]	183.000000		Rating MVA [2]	247.000000		
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			<p>Slide 58</p>  <p>Information updated after the Aug. 30, 2022 presentation</p> <p>Aug. 30, 2022 58 SOUTHERN CALIFORNIA EDISON</p>	