

Southern California Edison
MESA PTC A.15-03-003

DATA REQUEST SET A1503003 ED-SCE-02 Follow-Up

To: ENERGY DIVISION
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Dated: 08/06/2015

Question 01.D (04-01):

Remedial Actions to Address N-1-1 Scenario

Please provide the following information regarding remedial actions taken for the second outage in the N-1-1 contingency studied for the Mesa Substation:

- D. State the level of the voltage in the locations identified in (C) during an N-1-1 contingency.

Response to Question 01.D (04-01):

Assuming that all of the mitigation components described in Part C materialize as designed, are on time, and are in the anticipated locations, voltages at 45 230 kV buses ranged from 0.893 to 0.93 per unit without the Proposed Project. Voltages were below 0.9 per unit at Serrano, Villa Park, Lewis, and Rio Hondo substations. However, delays in any of the projects described in Part C, including changes to the amount of resources procured, would result in even lower voltages and/or voltage collapse under the critical N-1-1 contingency.