

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

DATA REQUEST SET A1503003 ED-SCE-02

**To: ENERGY DIVISION
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Title: Power System Planner
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Question 05:

If the project were not implemented, describe whether or not SCE would be able to import additional energy to its service area from the Tehachapi Wind Resource area, PG&E service area, and Pacific Northwest through the 500-kV bulk system.

Response to Question 05:

Mesa provides additional import capability beyond current capacity from the Tehachapi Wind Resource area, PG&E service area, and Pacific Northwest. Additionally, Mesa provides a gateway to deliver this energy into the Western LA Basin. Absent this project, SCE would not be able to import additional energy, nor would SCE be able to deliver this additional energy to serve load in the Western LA Basin without exceeding reliability performance criteria. The best means to provide energy to serve load in the Western LA Basin was considered in detail during the 2012 LTPP Track 4 proceeding. The Commission ultimately authorized a specific generation target. Subsequent to this decision, CAISO determined the transmission mitigation package to complement the Commission's generation authorization; this mitigation package included Mesa.