

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

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

To: ENERGY DIVISION
Prepared by: Daniel Donaldson
Title: Power System Planner
Dated: 08/06/2015

Question 02.D (05-01):

SCE's PEA stated that an objective of the proposed project is to provide "greater flexibility in the siting of future generation projects to meet local reliability needs in the Western Los Angeles Basin while reducing the total amount of new generation required by providing additional transmission import capacity." The PEA referenced importing energy from the Tehachapi wind resource area.

Please provide the following information:

- D. Given that energy demand can be met through the 220-kV connections between Lugo Substation and Mesa Substation with energy from the PG&E service territory and Pacific Northwest (as described in A), state what policy or planning goal is driving the need for energy import from the Tehachapi wind resource area.

Response to Question 02.D (05-01):

SCE's understanding is that the question is referring to the 220 kV lines between Vincent and Mesa rather as there are no 220 kV transmission lines directly connecting Lugo – Mesa. Additionally, the constraint on energy import is not these lines from Vincent to Mesa but rather lines in the Serrano corridor. Therefore without the Proposed Project energy demand cannot be met through the existing 220 kV connections.

As described in the answer to Part A, the 220 kV lines in the Serrano corridor are not capable of handling additional imports without the Proposed Project. The additional flexibility to import energy provided by the project is not solely limited to the Tehachapi wind resource area but also extends to other areas such as PG&E and the Pacific Northwest.