

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

DATA REQUEST SET A.15-03-003 ED-SCE-01

To: ENERGY DIVISION
Prepared by: Rey Gonzales
Title: Environmental Project Manager
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Question Q.36:

Water Study

The water study specifies the general water use for the project. Provide details for the water use during both construction and operation so that their separate impacts can be determined.

Response to Question Q.36:

The estimated amount of water needed to support construction activities related to fugitive dust mitigation, vegetation restoration, and soil compaction for the 500 kV Mesa Substation Project was developed using assumptions related to the area of land disturbance, project duration, seasonal timing of work (i.e. evapotranspiration), type of construction activity, and roadway access/conditions. The initial water use estimate of 306 acre-feet was reduced to 279 acre-feet with the intention of using soil binders on the access roads where feasible.

The water for future operations of the 500 kV Mesa Substation has not been evaluated as the landscaping plan has not been developed. However, the water to be utilized during operations is not expected to increase or have a significant impact. Additionally, the number of staff to be located at the facility will not increase from the current staffing needs.