

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

DATA REQUEST SET A1503003 ED-SCE-Deficiency Letter-01

**To: ENERGY DIVISION
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Title: Substation Construction Project Manager
Dated: 04/03/2015**

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Question TRA-03:

Provide the rationale for the assumptions used to calculate personal vehicle trips for personnel traveling to and from the Mesa Substation site during construction.

Response to Question TRA-03:

SCE Response:

An average of approximately 126 personal vehicle trips associated with work for all components of the Proposed Project was calculated for the duration of the construction of the project and was based on the Construction Equipment List provided in the PEA. Table 1: Maximum Proposed Project Trips per Day below provides the total number of Personal Vehicle Trips for each component of the project. The updated estimates were calculated by applying the worker estimates from the attachment entitled Updated Construction Equipment List to the refined construction schedule.

The total number of workers was determined for each unique time period, and maximums were calculated for each Proposed Project component. In order to provide a worst-case estimate, it was assumed that each worker would make one personal vehicle round trip. For the purposes of this response, a maximum total of personal vehicle trips was calculated at approximately 435 during the construction phase.

Table 1: Maximum Proposed Project Trips per Day

Proposed Project Component	Grading Trips to/from Mesa Substation	Other Truck Trips	Personal Vehicle Trips	All Trip Types
Mesa Substation	100	430	242	772
Transmission/ Subtransmission	--	207	148	355
Distribution	--	6	0	6
Telecommunications	--	77	45	122
Total	100	720	435	1,255

Note: No personal vehicle trips have been included for Distribution work. It is assumed that construction personnel will drive other trucks to the site each day; therefore, these trips are accounted for under the “other truck trips” calculation.



Mesa Grading Phases (04-23-15S).pdf



Updated Construction Equipment List (04-23-15S).docx