

**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: Air Quality Specialist
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Question AIR-01:

For the purposes of verifying the assumptions used in the air emission calculations and confirming that sufficient fill is available for import to construct the project, please list the facility (ies) that may be used to source fill for the project.

Response to Question AIR-01:

SCE Response:

The air quality emission calculations assumed that the import/export site(s) would be located close enough to the proposed Mesa Substation site that the total amount of time each truck spends per round trip would not exceed two hours. As noted in Table 1: Grading Quantities, Workforce, and Vehicle Trips by Construction Phase at Mesa Substation, quarry and landfill locations are anticipated to be located within 45 miles of the Proposed Project. Because the availability of import soil changes so quickly, it is not possible to identify import/export site(s) at this stage of the Proposed Project. Historically, the import/export site(s) are identified by the proposed contractor(s) during the bidding stage of a project after engineering is complete and just prior to the commencement of construction for each phase.

Table 1: Grading Quantities, Workforce, and Vehicle Trips by Construction Phase at Mesa Substation

Phase	Fill Quantity (CY)	Cut Quantity (CY)	Import/Export Quantity (CY)	Source/Destination	Maximum Number of Construction Workers	Maximum Number of Trips per Day		
						Grading Trips	Other Truck Trips	Personal Vehicle Trips
1	250,000	150,000	100,000	Quarry within 45 miles of	242	100	430	242

				the site				
2	5,000	70,000	(65,000)	Stockpile for Phase 3	84	--	125	84
3	325,000	375,000	(50,000)	Landfill within 45 miles of the site	155	100	196	155
Total	580,000	595,000	--	--	--	--	--	---

Notes: Export values in Phase 2 are included in the cut values in Phase 3. Phase 3 raw cut volume is 310,000 CY. "--" indicates "not applicable."



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