

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

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

**To:** ENERGY DIVISION  
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**Dated:** 05/22/2015

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**Question Q.40:**

**Structures to be Constructed per Phase**

Provide the anticipated number of overhead and underground structures that would be installed within the Mesa Substation site during each phase of construction.

**Response to Question Q.40:**

<b>Proposed Project Feature</b>	<b>Phase 1</b>	<b>Phase 2</b>	<b>Phase 3</b>	<b>Total Quantity<sup>1</sup></b>
<b>Transmission Project Features</b>				
500 kV LST	0	0	2	2
220 kV LST	8	10	0	18
<b>Subtransmission Project Features</b>				
66 kV TSPs	10	9	0	19
Vaults	6	9	0	15
Duct Banks	4	5	0	9
<b>Telecommunications Project Features</b>				
Wood Poles <sup>2</sup>	46	0	0	46

Vaults (Manholes)	5	0	0	5
Duct Banks	6	0	0	6
<b>Distribution Project Features</b>				
Vaults	4	0	0	4
Duct Banks	5	0	0	5

Notes:

- 1) "Total Quantity" values match those provided in PEA Table 3-13, but may not equal the quantities needed after final engineering is completed. The "Per Phase" breakdown values are estimated. Based on final construction sequencing, a slightly different number of each of these features may be installed either sooner or later than what is reflected in this table.
- 2) The total quantity of telecommunications wood poles to be replaced under this Project is likely to be reduced to zero. Please refer to SCE's response to Data Request #1, Questions 10 and 15 for more information.