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:

<table>
<thead>
<tr>
<th>Proposed Project Feature</th>
<th>Phase 1</th>
<th>Phase 2</th>
<th>Phase 3</th>
<th>Total Quantity&lt;sup&gt;1&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission Project Features</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500 kV LST</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>220 kV LST</td>
<td>8</td>
<td>10</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td>Subtransmission Project Features</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>66 kV TSPs</td>
<td>10</td>
<td>9</td>
<td>0</td>
<td>19</td>
</tr>
<tr>
<td>Vaults</td>
<td>6</td>
<td>9</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td>Duct Banks</td>
<td>4</td>
<td>5</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>Telecommunications Project Features</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wood Poles&lt;sup&gt;2&lt;/sup&gt;</td>
<td>46</td>
<td>0</td>
<td>0</td>
<td>46</td>
</tr>
</tbody>
</table>
### Distribution Project Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Total Quantity</th>
<th>Per Phase 1</th>
<th>Per Phase 2</th>
<th>Per Phase 3</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vaults</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Duct Banks</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

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.