

*Southern California Edison*  
*2023-WMPs – 2023-WMPs*

**DATA REQUEST SET Cal Advocates - SCE - 2023 WMP - 09**

**To: Cal Advocates**  
**Prepared by: Andrew Garcia**  
**Job Title: Senior Manager**  
**Received Date: 4/20/2023**

**Response Date: 4/25/2023**

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**Question 06:**

For each of the undergrounding projects in SCE's Grid Design and System Hardening workplan in 20234, please provide the following data on each project:

- a) Number of SCADA underground switches that will be installed in each circuit.
- b) Number of overhead (OH) switches that will be removed.
- c) Number of tie switches to adjacent circuits that currently exist.
- d) Number of OH tie switches to the adjacent circuits that will be removed.
- e) Number of tie switches (OH or UG) that will exist when the project is complete.
- f) Number of SCADA overhead switches that will be removed.
- g) Number of SCADA underground switches that will be installed as tie points to adjacent circuits.
- h) Number of SCADA underground switches that will be installed for sectionalizing.
- i) Number of subsurface transformers that will be installed.
- j) Number of pad-mounted transformers that will be installed.
- k) Number of vaults that will be installed.
- l) Number of junction boxes that will be installed.
- m) Number of junction boxes that will be installed for sectionalizing.
- n) Number of junction boxes that will be installed as tie points to adjacent circuits.
- o) Number of load break elbows that will be installed.
- p) Number of load break elbows that will be installed for sectionalizing.
- q) Number of load break elbows that will be installed as tie points to adjacent circuits.
- r) Number of handholes that will be installed.
- s) Number of risers that will be installed.

**Response to Question 06:**

As discussed with Cal Advocates, in response to questions 6 and 7, SCE will provide data for a) through s) for one project in 2023.

For the 2023 undergrounding project, SCE selected the Flycatcher 12 kV out of Isabella substation. This project is undergrounding a 1.6 mile segment roughly between the mid-point and the 75% mark to the end of the line. The response below is specific to that 1.6 mile segment which provides an underground equivalent to the existing OH system from an operability and sectionalizing perspective.

- a) 0
- b) 0
- c) 0

- d) 0
- e) 0
- f) 0
- g) 0
- h) 0
- i) 0
- j) 0
- k) 2
- l) 0
- m) 0
- n) 0
- o) 2
- p) 0
- q) 0
- r) 0
- s) 5

Additionally, consistent with the discussion referenced above between SCE and Cal Advocates, for projects with complete designs in SCE's engineering design system, SCE is providing as many items for (a) – (s) as are available in the system at this time, which should not be considered as a fully representative inventory of the equipment needed for the projects. Please see the attachment for this data for 2023.