

*Southern California Edison*  
*2022-WMPs – 2022 Wildfire Mitigation Plan Updates*

**DATA REQUEST SET O E I S - S C E - 2 2 - 0 0 2**

**To: Energy Safety**  
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**Job Title: Engineer**  
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**Response Date: 3/17/2022**

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**Question 07:**

Cover Conductor Inspections

- a. Section 7.3.3.3 details the Covered Conductor Installation Program and 7.3.4 details the Asset Management and Inspections Program. Neither section includes details regarding the procedures and inspection criteria used for inspecting covered conductor.
- i. Provide all procedures and inspection criteria used for inspecting covered conductor.

**Response to Question 07:**

As described in section 7.3.3.4 of the 2022 WMP Update, SCE does not have a separate covered conductor maintenance program. As part of the new construction, QA/QC is performed to make sure that work standards are adhered to for the installation of covered conductor. This is similar to bare wire, where SCE inspects the installation to ensure the work meets SCE standards and replaces or repairs improperly installed equipment. Additionally, ongoing covered conductor inspection and maintenance is included in High Fire Risk-Informed (HFRI) inspections and remediations and follows the same approach, schedule, and prioritization.

Additional information on the pace and quantity of SCE's HFRI program including scheduled maintenance and inspections to effectively maintain its covered conductor installations can be found in Section 7.3.4.9.1.

As mentioned in Section 9.3, SCE ensures that our inspection programs address covered conductor by including specific covered conductor-related questions in the inspections survey. These covered conductor-related questions are included below.

Distribution Ground Inspection Survey:

What type(s) of primary conductors are installed? Select all that apply.

NOTE: Only select primary conductor sizes and NOT taps/jumpers. Covered is tree wire.

Aerial cable is bundled cable.

- Covered/insulated
- Copper
- Aluminum
- Aerial cable

For covered conductor – select all applicable directions covered conductor is installed?

Select all that apply or select “No primary covered conductors installed”.

- North
- South
- East
- West
- No primary covered conductor installed

For covered conductor – indicate if any of the following covered conductor covers are missing. Select all that apply or select “No missing covered conductor covers” or select “No primary covered conductor installed”.

- Dead-end cover (Notification Required)
- Bare Tap (Notification Required)
- Connector cover (Notification Required)
- Fuse cover (Notification Required)
- Lightning arrestor cover (Notification Required)
- Equipment bushing cover (Notification Required)
- Pothead cover (Notification Required)
- No primary covered conductor installed
- No missing covered conductor cover

If covered conductor is installed, are there visible signs of tracking or damage on the outer jacket?

- Yes (Notification Required)
- No
- No primary covered conductor installed

For covered conductor – Are lightning arresters installed on structures containing the following equipment: RAR, RSR, Capacitors, Voltage Regulators, PTs associated with RCSs and PE equipment, Transformers, BLFs, and UG Dips?

- No (Notification Required)
- Yes
- No primary covered conductor installed
- No primary equipment present

For covered conductor – For line connections (excludes connections to equipment), what jumper is used?

- PGW (Notification Required)
- Bare wire (If bare, will need to be covered with split tube) (Notification Required)
- Covered Conductor
- Wire with split tube
- No covered conductor installed

Aerial Distribution Inspections Survey:

What type(s) of primary conductors are installed?

- Covered/insulated
- Copper
- Aluminum
- Aerial cable

Are there visible signs of tracking or damage on the outer jacket of the covered conductor

- Yes (Notification Required)
- No

Are Protective Ground Wire (PGW) jumpers used for any covered conductor line connections?

- Yes (Notification Required)
- No
- Unable to Determine