

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

**DATA REQUEST SET CalAdvocates - SCE - 2023 WMP - 04**

**To: Cal Advocates**  
**Prepared by: Yoshinori Goya**  
**Job Title: Manager, Project Product 1**  
**Received Date: 2/7/2023**

**Response Date: 3/7/2023**

---

**Question 02:**

For any WMP initiative for which you forecast capital expenditures in 2024 to be at least two times actual capital expenditures in 2022, please provide:

- a) The name of the initiative as it is identified in your 2023-2025 WMP
- b) The WMP Initiative number in Table 11 of your 2023-2025 WMP
- c) The name of the initiative as it is identified in your 2022 WMP Update
- d) The WMP Initiative number in Table 12 of your 2022 WMP Update
- e) An explanation for the projected increase.

**Response to Question 02:**

The 2024 capital expenditure forecast for the following activities are at least two times the actual capital expenditures in 2022:

(a)	(b)	(c)	(d)	(e)
Emerging grid hardening technology installations and pilots	8.1.2.6	Other corrective action	7.3.3.12.2	<p>8.1.2.6 addresses the following two activities under Emerging grid hardening technology installations and pilots that can help reduce ignitions in High Fire Risk Areas: (i) Ground Fault Neutralizer and (ii) Grounding Conversions.</p> <p>(i) 2022 spend for Ground Fault Neutralizer was \$11.9M and 2024 forecast is \$30.1M. In 2022, SCE completed installation of 1 Ground Fault Neutralizer. For 2024, SCE anticipates installation of 2 Ground Fault Neutralizers.</p> <p>(ii) 2022 spend for Grounding Conversions was \$0.06M and 2024 forecast is \$5.7M. In 2022, SCE was unable to</p>

				<p>acquire land access to install Grounding Conversions. The work which was originally planned for 2022 will be completed in 2023, provided that SCE is successful in acquiring the required land access. The 2024 forecast anticipates land access and installation of 6 Grounding conversions.</p>
Grid Response Procedures and Notifications (Grid Ops)	8.1.8.2	Automatic recloser operations	7.3.6.1	<p>2024 forecast for this activity is \$0.956M. This is a new activity which will begin in 2023. SCE plans to implement a new Hazard Event Restriction and Management Emergency System (HERMES) to automate operating restrictions on the distribution system, which improve accuracy, reduce the time needed to implement changing business requirements, and enable forthcoming advanced applications to adhere to SCE's operating restrictions during PSPS events.</p>
Undergrounding of electric lines and/or equipment	8.1.2.2	Undergrounding of electric lines and/or equipment	7.3.3.16	<p>2022 spend for this activity was \$29.7M and the 2024 forecast is \$60.9M.</p> <p>In 2022, focus to complete undergrounding of electric lines was in areas with flat land and rural areas with low difficulty to design, install, and complete undergrounding efforts. In 2022, SCE completed 14 miles of undergrounding. In 2024, SCE is forecasting to complete 20 miles of undergrounding. In addition to more miles expected to be completed in 2024 versus 2022, SCE anticipates that these undergrounding projects will be more complex, as they will be</p>

				performed in areas which require additional re-routing, more difficulty of civil construction, additional re-paving and equipment, and additional number of transformer requirements to complete the work.
--	--	--	--	--