

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 01:

For any WMP initiative for which you forecast capital expenditures in 2023 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 01:

The 2023 capital expenditure forecast for the following activities are at least two times the actual capital expenditures in 2022:

(a)	(b)	(c)	(d)	(e)
Grid Response Procedures and Notifications (Grid Ops)	8.1.8.2	Automatic recloser operations	7.3.6.1	Forecast spend for this activity is \$3.2M in 2023. This is a new activity beginning 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 would remove human error, reduce the time needed to implement changing business requirements, and enable forthcoming advanced applications to adhere to SCE's operating restrictions during PSPS events.
Other grid topology improvements to minimize risk of ignitions	8.1.2.10	8.1.2.10 maps to the following initiatives (as identified in Table 12 of 2022 WMP Update):	8.1.2.10 maps to the following initiatives (as identified in Table 12 of 2022 WMP Update):	These activities are related to installation of Remote Automatic Reclosers (RARs), Vertical Switches, and system hardening of Legacy Facilities.

		<ul style="list-style-type: none"> - Installation of system automation equipment. - Updates to grid topology to minimize risk of ignition in HFTDs. 	<ul style="list-style-type: none"> - 7.3.3.9 - 7.3.3.17.2 and 7.3.3.17.3 	<p>Of the three programs listed above, system hardening of Legacy Facilities is the only activity with an increased forecast in 2023 of at least two times the actual capital expenditure in 2022. 2022 spend for system hardening of Legacy Facilities was \$93K and the 2023 forecast is \$4.75M. This activity is related to hardening of electrical equipment which supports SCE's hydroelectric generation operations. The 2023 forecast is to update hydro control circuits which involves reconductoring of distribution lines that feed hydroelectric generation facilities. In addition, SCE plans to update grounding grids which help ensure that in the event of a lightning strike or electrical incident, equipment can manage the voltage and release safely instead of causing additional wildfire risk.</p>
Ignition detection systems	8.3.4	Continuous monitoring sensors	7.3.2.2.2	<p>2022 spend for this activity was \$75K and 2023 forecast is \$264K. SCE installed 16 High Definition (HD) Cameras in its service area in 2022. The 2023 forecast is higher because SCE anticipates: (i) installation of 20 HD cameras, and (ii) costs for new activities to integrate satellite technology which will complement the HD camera's ability to confirm and track fires if detected near a camera.</p>