

Southern California Edison
2023-WMPs – 2023-WMPs

DATA REQUEST SET Cal Advocates - SCE - 2023 WMP - 19

To: Cal Advocates
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Job Title: Manager
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Response Date: 8/10/2023

Question 03:

- (a) When you plan system hardening projects for wildfire mitigation purposes, do you design projects to accommodate forecasted load growth?
- (b) If yes, what degree of load growth do you design for?
- (c) Describe your process for incorporating forecasted load growth into the design of system hardening projects (for instance, which scenarios of possible load growth are considered).

Response to Question 03:

- (a) When scoping system hardening projects, SCE evaluates the 10-year load growth forecast and sizes conductor and equipment accordingly. By evaluating the 10-year forecast, SCE reduces the risk of needing to replace/upgrade any new conductor or equipment before its useful life. Furthermore, SCE's standard covered conductor sizing for overhead reconductoring of the mainline (336 or 653 covered conductor) and dead-end feeders/radials (1/0 covered conductor) may increase capacity due to the nature of the material relative to the conductor it replaces.
- (b) See response above regarding the 10-year forecast.
- (c) SCE coordinates internal engineering, planning, and project management teams during the planning lifecycle to evaluate issues such as load forecast scenarios and to maximize the chances that the project will be utilized for its intended lifecycle based on known information at the time.