

Southern California Edison
2023-WMPs – 2023-WMPs

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

To: Cal Advocates
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Response Date: 8/9/2023

Question 04:

- (a) In a typical bare conductor to covered conductor conversion project, is the intention to maintain, increase, or decrease the load capacity at peak operating temperatures?
- (b) Explain the reasoning for your response to part (a).

Response to Question 04:

- (a) Please see the response to Question 3 for context on SCE's planning and design process. To add further context, SCE's general intention in covered conductor projects is to maintain or increase the operational flexibility of the distribution system, including with respect to environmental conditions such as temperature. Also please see the response to Question 3 as it relates how capacity may increase simply because of the material choice of covered conductor.
- (b) As stated in the response to Question 3, SCE's process considers existing and future load as a matter of prudent project design and planning. SCE also notes that capacity may increase due to material selection (e.g. when SCE uses 1/0 covered conductor for dead-end feeders/radials).