

Southern California Edison
2023-WMPs – 2023-WMPs

DATA REQUEST SET CalAdvocates-SCE-2023WMP-09

To: Cal Advocates
Prepared by: Hunly Chy
Job Title: Senior Manager
Received Date: 4/20/2023

Response Date: 4/25/2023

Question 10:

Regarding SCE's average peak load for UG projects, please provide the following subitems (a) through (g). For the purposes of this question, if any portion of a circuit was or will be undergrounded as part of an OH to UG conversion project, the circuit should be included.

- a) The average peak load to circuit ampacity in percent from 2017 to 2019 for the circuits with OH to UG conversion completed in 2020.
- b) The average peak load to circuit ampacity in percent from 2018 to 2020 for the circuits with OH to UG conversion completed in 2021.
- c) The average peak load to circuit ampacity in percent from 2019 to 2021 for the circuits with OH to UG conversion completed in 2022.
- d) The average peak load to circuit ampacity in percent from 2020 to 2022 for the circuits that will be undergrounded in 2023.
- e) The average peak load to circuit ampacity in percent from 2020 to 2022 for the circuits that will be undergrounded in 2024.
- f) The average peak load to circuit ampacity in percent from 2020 to 2022 for all adjacent circuits to the circuits that have OH to UG conversion projects in 2023.
- g) The average peak load to circuit ampacity in percent from 2020 to 2022 for all adjacent circuits to the circuits that have OH to UG conversion projects in 2024.

Response to Question 10:

For part a) to g), SCE defines "peak load" as the maximum recorded demand experience on a circuit, removing any abnormal data.

For part f) and g), SCE interprets "adjacent circuits" to mean circuits tied/connected to the circuit involved in the 2023 and 2024 TUG projects. SCE is providing this information based on circuit tie development from previous engineering planning exercise.

a) There were no TUG projects completed in 2020.

b) to g)

Please see attached table, titled "*CalAdvocates-SCE-2023WMP-09-10 TUG Load*", with multiple tabs responding to each part. The column are as follows: circuit name, the yearly "peak load" divided by circuit ampacity for the three years prior and the average three years "peak load" divided by circuit ampacity.