

Southern California Edison
2025-WMPs – 2025-WMPs

DATA REQUEST SET Cal Advocates - SCE - 2025 WMP - 12

To: Cal Advocates
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Job Title: Engineering Manager
Received Date: 5/6/2024

Response Date: 5/9/2024

Question 01.b-e:

For the time period from January 1, 2019 to present, please state:

- b) How many outages SCE has had on fast-trip enabled circuits;
- c) How many ignitions SCE has had on fast-trip enabled circuits;
- d) How many momentary outages SCE has had on non-fast-trip enabled circuits; and
- e) How many ignitions SCE has had on non-fast-trip enabled circuits.

Response to Question 01.b-e:

The responses below represent system-wide data (i.e. not limited to HFRA).

b) How many outages SCE has had on fast-trip enabled circuits

SCE defines “fast curve enabled” as outages that occurred on fast curve-enabled distribution circuits when at least one protective device had fast curve settings activated. The fact that fast curve settings were activated at the same time an outage occurred does not mean that the outage was attributed to the operation of fast curve settings. SCE also notes that manual de-energizations, source loss outages, and momentary outages were excluded from the data set, as they do not pertain to fast curve operation. SCE has experienced 714 outages on fast curve enabled circuits from Jan 1, 2019 to present.

c) How many ignitions SCE has had on fast-trip enabled circuits

SCE’s ignition investigation uses Interruption Log Sheets to determine if protection devices tripped with fast curve settings enabled. Through investigation, there were 16 CPUC-reportable ignitions on circuits where fast curve settings were enabled from January 1, 2019 to present.

d) How many momentary outages SCE has had on non-fast-trip enabled circuits

SCE has experienced 14,711 momentary outages, system wide, with fast curve not enabled from Jan 1, 2019 to present.

e) How many ignitions SCE has had on non-fast-trip enabled circuits.

SCE’s ignition investigation uses Interruption Log Sheets to determine if protection devices tripped with fast curve settings enabled. Through investigation, there were 649 CPUC-reportable ignitions system wide on circuits where fast curve settings were not enabled or installed from Jan 1, 2019 to present.