

Southern California Edison
2022-WMPs – 2022 Wildfire Mitigation Plan Updates

DATA REQUEST SET M G R A - S C E - 0 0 2

To: MGRA
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Response Date: 3/9/2022

Question 15:

How many miles of its distribution system will be covered by the GFN (REFCL) installation on the Acton and Phelan substations in 2023? (p. 135)

Response to Question 15:

Ground Fault Neutralizers increase ground fault sensitivity and reduce energy release from ground faults across all the circuitry supplied by the bus where they are installed.

At Acton substation, the Ground Fault Neutralizer will operate on a total of 204 miles of circuitry. All of the circuitry is in HFRA and 157 miles are overhead.

At Phelan substation, the Ground Fault Neutralizer will operate on a total of 473 miles of circuitry. Of this circuitry, 389 miles is overhead and 140 miles of that is in HFRA.