

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

DATA REQUEST SET O E I S - S C E - 2 2 - 0 0 3

To: Energy Safety
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Response Date: 3/25/2022

Question 07:

PSPS Driven Grid Hardening:

- a. On page 311 SCE indicates as Part of 7.3.3.8.1 Circuit Evaluation for PSPS Driven Grid Hardening Work (SH-7) that “in 2022, SCE will evaluate approximately 70 highly impacted circuits based on previous PSPS events including those in 2021 to determine additional deployment of PSPS mitigations.” On page 552, SCE mentions “SCE plans to scope or accelerate more than 150 miles of covered conductor scope, along with numerous other prescriptive mitigations (e.g., circuit exceptions, RCSs, weather stations) for 42 targeted circuits that have yet to undergo accelerated hardening.” This appears to be the first mention of 42 PSP Driven circuits targeted for accelerated hardening.
- i. How many circuits are targeted as highly-impacted for grid hardening to address PSPS?
- ii. Where is the methodology discussed in the WMP for how those were determined?
- iii. If the methodology for determining those circuits was not included in the WMP, please describe the methodology.

Response to Question 07:

Response to i:

The 70 circuits are the circuits being targeted for review in 2022 under SH-7; the results of this evaluation work in 2022 will inform the grid hardening work on these circuits in 2023. Separately, the 42 circuits discussed in Chapter 8 represent grid hardening work associated with circuits reviewed in 2021 under SH-7. This grid hardening work on these 42 circuits is projected to be completed in 2022.

Response to ii.

See page 311 under Region Prioritization section for SCE’s methodology to identify highly impacted circuits, which states:

“SCE applied the methodology developed previously to calculate a PSPS POD score for each circuit utilizing five years of backcast weather data. SCE ranked the circuits according to their predicted POD score and PSPS de-energization history.”

Response to iii.

N/A