

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
Prepared by: Kyle Ferree
Job Title: Senior Advisor
Received Date: 3/22/2022

Response Date: 3/25/2022

Question 05:

PSPS Durations:

- a. On page 551 of its WMP SCE discusses CMI decreasing by 76% since 2020 with continued decreases of 17% for 2022 projected. Yet SCE regressed in its projected January 1, 2023 average downtime per customer in its 2022 Maturity Survey answer to Question “F.III.e During PSPS events, what is the average downtime per customer?” as follows: Last year answered “Less than 0.5 hour as of January 1, 2023”; this year answered “Less than 1 hour as of January 1, 2023.”
- i. To what does SCE attribute a decrease in average downtime per customer in 2023?
- ii. How does SCE plan to increase average downtime per customer in 2023?

QFIII.e.

F.III.e During PSPS events, what is the average downtime per customer?

Your utility's responses last year were:

Present:

As of January 1, 2023:



	i. More than 1 hour	ii. Less than 1 hour	iii. Less than 0.5 hours	iv. Less than 0.25 hours	v. Less than 0.1 hours
Present	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
As of January 1, 2023	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Response to Question 05:

- i. SCE interprets “downtime” to mean the system SAIDI-equivalent time for customers affected by actual PSPS de-energization events. SCE continues improve and to project improvement in this category in 2023. In 2021, SCE projected the improvement would rise to the next category of 0.5 hours. SCE currently projects it will continue to make progress within Category ii (Less than 1 hour), but no longer projects to improve into Category iii. (Less than 0.5 hours).
- ii. SCE assumes this question asks about SCE’s plans to decrease average customer downtime. Average downtime should continue to decrease due to SCE’s PSPS-driven grid hardening. Internal analysis has continued to identify circuit mitigations based on historical PSPS impacts. SCE plans to accelerate covered conductor installation, along with numerous other prescriptive mitigations (e.g., circuit exceptions, RCSs, weather stations). In parallel, SCE will continue to refine its PSPS risk modeling capabilities.