

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

DATA REQUEST SET O E I S - S C E - 2 2 - 0 0 8

To: Energy Safety
Prepared by: John Graass
Job Title: Senior Advisor
Received Date: 5/10/2022

Response Date: 5/13/2022

Question 05.a.i:

Increased inspection findings per circuit mile

a. In 2021, SCE had an increase in the number of inspection findings per circuit mile, where Level 2 (or Priority 2) and Level 3 (or Priority 3) findings rose the most.

i. What are the causes behind the increase in inspection findings? Provide a description of the analysis performed, as well as conclusions including any relevant trends, inspection types, etc.

Response to Question 05.a.i:

Based on SCE's correspondence with Energy Safety, SCE assumes this question is referring to the increase in Level 2 and Level 3 findings in HFTD from Distribution Detailed Inspections, per circuit mile inspected, as derived from Table 1 of SCE's Q4 2021 Non-Spatial Data Report (R2).

Based on this assumption, SCE divided the number of findings per level from distribution detailed inspections within HFTD for 2020 and 2021, by the total number of distribution detailed inspections performed each year in HFTD. The following table illustrates this calculation.

#	Progress metric name					E = A + B + C + D Total		F = Level findings / circuit miles						J = F + G + H + I Total		K = Level findings / circuit miles	
		A Q1	B Q2	C Q3	D Q4	2020		F Q1	G Q2	H Q3	I Q4	2021		2021			
1.b.	Number of circuit miles inspected from detailed inspections in HFTD - Distribution lines	4,137	4,537	4,232	3,495	16,401		3,831	5,471	2,762	97	12,161					
1.h.	Level 2 findings in HFTD for detailed inspections - Distribution lines	10,006	9,073	5,645	3,774	28,498		1,738	8,965	13,959	4,375	1,197	28,496		2,343		
1.k.	Level 3 findings in HFTD for detailed inspections - Distribution lines	8,767	9,240	7,008	804	25,819		1,574	13,857	8,949	1,913	555	25,274		2,078		

In general, SCE's distribution detailed overhead inspections, found generally the same number of findings for Level 2 and Level 3 in 2020 and 2021, however we performed fewer inspections in 2021 than in 2020. The drivers for the increase in findings per circuit miles for Level 2 and Level 3 findings when comparing 2020 to 2021 were a result of an increase in identified 3rd party findings. SCE added a high level of emphasis on identifying 3rd party issues in the field starting in March 2021 and added detailed 3rd party survey questions with comprehensive field employee training, to ensure 3rd party issues are identified during field inspections to reduce risk.