

SCE's 2020-2022 Wildfire Mitigation Plan

Assembly Utilities and Energy Committee
March 4, 2020

Energy for What's AheadSM



Appendix

2019 SCE PSPS Events *

	September 2019			October 2019				November 2019	
Event Metric(s)	Sep 4- Sep 8	Sep 9- Sep 19	Sep 21- Oct 1	Oct 2- Oct 11	Oct 12- Oct 20	Oct 21- Oct 26	Oct 27- Nov 3	Nov 15- Nov 17	Nov 23- Nov 26
Customers De-energized	633	14,786	85	24,010	1,171	30,700	126,120	49	1,192
Counties Impacted	1	4	2	6	3	6	9	1	7
Circuits De-energized	2	38	2	37	8	39	93	1	8
Average Outage Duration Total (Hours)	21	19	6	29	16	30	29	5	19

**16 PSPS Watch Periods in 2019, with customer de-energizations in 9 events. Table above outlines event details for the 9 events*

CPUC Reportable Ignitions in HFTD by Cause (2015 – 2019)¹

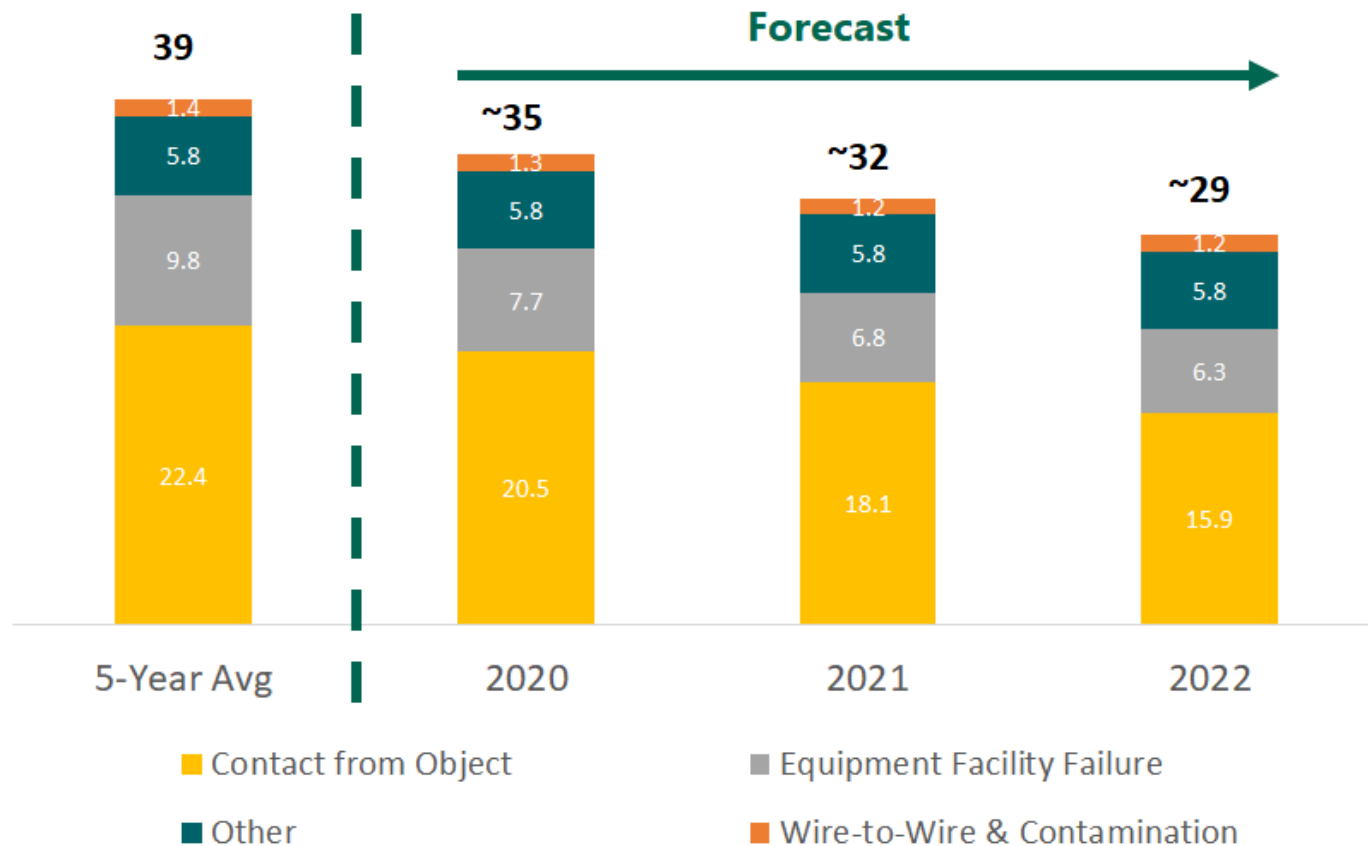
Cause of Ignition	2015	2016	2017	2018	4-yr. Avg. ('15 – '18)	2019 ²	% Change (2019 vs. 4-yr. Avg.)
Contact From Object	27	22	21	22	23	19	- 17%
Animal	10	6	4	4	6	7	+ 17%
Vegetation	6	6	6	5	5.8	2	- 65%
Metallic Balloon	3	4	8	6	5.3	4	- 24%
Vehicle	5	3	2	7	4.3	3	- 29%
Other	3	3	1	0	1.8	3	N/A ³
Equipment/Facility Failure	8	17	6	11	10.5	12	+ 14%
Other or Unknown	10	3	6	4	5.8	6	+ 4%
Total	45	42	33	37	39.3	37	- 6%

¹ Numbers do not include ignitions involved in ongoing litigation.

² 2019 CPUC reportable ignitions are still under review and will be finalized and filed on April 1, 2020.

³ Sample size too small to provide meaningful % value.

2020-2022 Forecasted HFRA Reportable Ignitions Per Year after Execution of WMP, Compared to 5-Year Historical Average



Sources: SCE WMP 2020, Tables 18a, 18b, 31a and 31b

Note: This forecast is based on cumulative mitigation effectiveness of each of the mitigation measures against the ignition drivers that form the baseline historical ignitions, and does not account for the impact of numerous exogenous factors beyond the control of the utility (e.g. weather conditions, suppression responses, etc.), and as such this forecast represents significant range of uncertainty around the expected value calculations.