



















The top 50	highest ri	ek milae roni	acon	F 1 /10/	of the tr	tal rick	
PGSF THE LOP SU	ingnear n	sk-mies repi	cacii	L 1.470 V	or the to	lai nak	
		Protection Zone Name	Miles	Cumulative Miles	Mean MAVF Score	Total CPZ MAVF	% total risk reduced <sup>1</sup>
		OREGON TRAIL					
		1103CUS391	0.02	0.02	3.16	3.16	0.01%
		CALPINE 1144276-G	0.01	0.03	1.88	1.88	0.01%
25,000 Cumulative CPZ	Risk	MARIPOSA 210190130	0.08	0.12	1.69	1.69	0.02%
		SHEPHERD 2111688294	0.01	0.13	1.44	1.44	0.02%
		MIDDLETOWN 1103CB	0.05	0.18	1.30	5.20	0.03%
20,000 -		UPPER LAKE 1101CB	1.00	1.17	1.26	8.77	0.04%
		KESWICK 11011586	6.65	7.83	1.25	48.84	0.17%
ž 15,000 - 🔪		MIDDLETOWN					
ų N		1102302610	4.21	12.04	0.92	48.56	0.29%
g 10,000 -		KONOCTI 1102965078	5.61	17.65	0.88	51.70	0.42%
		MARIPOSA 2102241564	0.64	18.29	0.77	10.81	0.44%
		DEL MAR 2109278CT	4.29	22.58	0.73	9.55	0.47%
5,000 -		MIDDI FTOWAR 2109378445	0.09	22.07	0.73	2.19	0.47%
		MIDDLETOWN 1102CB	24.60	47.89	0.72	151.03	0.49%
0		WIDDLETOWN 1103850	24.00	47.00	0.72	131.03	0.07%
0 5.000 10.000 15.0	00 20.000 25.000	<sup>2</sup> Based on assuming an OH ha	rdening risk i	mitigation (62% ris	k reduction effecti	veness)	
Circuit Protection Zone (CPZ) Ranked Miles		Key Takeaway					
			and the second second				
		On each project a more	granular ri	sk spend efficie	ncy evaluation v	vill be performed o	n an NPV basis
		(total cost of ownership	tor the ass	et life) once the	e project is fully	scoped similar to v	mat is shown
		on the Keswick 110115	so circuit pi	otection zone c	on the next slide		

















## PGSE CZU Lightning Complex Fire ce: fire.ca.gov SAN JOSE Fire Description and Observations PESCADERC The wildfires started at 6:41 AM on August 16, 2020 and was the result of a thunderstorm that produced close to 11,000 bolts of lightning and started hundreds of fires throughout California The lightning strikes initially started fires separately known as the Warnella Fire near Davenport and the Waddell Fire, near Waddell Creek, as well as three fires on what would become the northern edge of the CZU Complex fire. Two days after the fires began, a change in wind conditions caused these three northern fires to rapidly expand and merge, growing quickly to over 40,000 acres 17 This was not one fire but a marging of small fires into one massive fire. Our current consequence models focus on potential fires growing from one ignition point a compared to imulating the fire behavior of multiple ignition points combining into one fire. DAVENPORT The modeling complexity of this wildfire is such that it would require taking Into account the hundreds of fires that were started rather than treating this as a single wildfire CRUZ 10 Also, the focus of our consequence model evaluates the potential ignition points from our overhead electric distribution circuits in HFTDs and several of the ignition points for this fire occurred where none of our assets existed. 3 Damage Overview 6 Active for 37 days 140 structures e y 140 stri 1,490 structures destroyed 1 injury 1 fatality 86,509 acres burned



