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The top 50 bigh	est risk miles renr	asan	t 1 4% a	of the tr	tal risk		
PGSE THE TOP SO HIGH	icat hak-mica repi	esen	C 1.4770 C	or une te	Marrisk		
	Protection Zone Name	Miles	Cumulative	Mean MAVF	Total CPZ MAVF	% total risk	
	OREGON TRAIL		THIRD .	District		reacea	
25,000 Cumulative CPZ Risk 20,000 - 25,000 - 5,000 -	1103CUS391	0.02	0.02	3.16	3.16	0.01%	
	CALPINE 1144276-G	0.01	0.03	1.88	1.88	0.01%	
	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%	
	UPPER LAKE 1101CB	1.00	1.17	1.26	8.77	0.04%	
	KESWICH	6.65	7.83	1.25	48.84	0.17%	
	MIDDLETOWN						
	1102302610	4.21	12.04	0.92	48.56	0.29%	
	KONOCTI 1102965078	5.61	17.65	0.88	51.70	0.42%	
	MARIPOSA 2102241564	0.64	18.29	0.77	10.81	0.44%	
	BUCKS CREEK 1101CB	4.29	22.58	0.73	9.55	0.47%	
	DEL MAR 2109378445	0.09	22.67	0.73	2.19	0.47%	
	MIDDLETOWN 1102CB	0.42	23.08	0.72	8.70	0.49%	
	MIDDLETOWN 1103830	24.80	47.88	0.72	151.83	0.87%	
0 5000 10000 15000 2000	Based on assuming an OH ha	rdening risk i	mitigation (62% risi	k reduction effectiv	veness)		
Circuit Protection Zone (CP2) Ranked Mil	les	Key Takeaway On each project a more granular risk spend efficiency evaluation will be performed on an NPV basis (Instant and project a more granular risk spend efficiency evaluation will be performed on an NPV basis					
	an and an in a second						
	Chieach project a more						
	en the Kennish	(total cost of ownership for the asset life) once the project is fully scoped similar to what is shown					
		of the Keshick and a critical protection zone of the next side					

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## PGSE CZU Lightning Complex Fire ce: fire.ca.gov AN JOSE 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. 1 9 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

## Fire Description and Observations

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

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