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PGE-DIXIE-NDCAL-000010684



| The top 50 hig                             | phest risk-miles repr      | esen   | t 1.4% (            | of the to           | otal risk           |                      |  |
|--|----------------------------|--|---------------------|---------------------|---------------------|----------------------|--|
|  |                            |  |                     |                     |                     |                      |  |
|  |                            | 1  | Cumulative          | Mean MAVE           | list second         | % total risk         |  |
|  | Protection Zone Name       | Miles  | Miles               | Score               | Total CPZ MAVF      | reduced <sup>1</sup> |  |
|  | OREGON TRAIL               |  |                     |                     |                     |                      |  |
| 25,000 Cumulative CPZ Risk                 | 1103C05391                 | 0.02   | 0.02                | 3.16                | 3.16                | 0.01%                |  |
|  | MARIPOSA 210190130         | 0.01   | 0.03                | 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 -<br>32 15,000 -<br>10,000 -        | UPPER LAKE 1101CB          | 1.00   | 1.17                | 1.26                | 8.77                | 0.04%                |  |
|  | KESWICK                    | 6.65   | 7.83                | 1.25                | 48.84               | 0.17%                |  |
|  | MIDDLETOWN                 | 4.21   | 12.04               | 0.02                | 40 56               | 0.2067               |  |
|  | KONOCTI 1102965078         | 5.61   | 17.65               | 0.92                | 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%                |  |
| 5.000 -                                    | 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%                |  |
| 0  | MIDDLETOWN 1103830         | 24.80  | 47.88               | 0.72                | 151.83              | 0.87%                |  |
| 0 5,000 10,000 15,000 20                   | Based on assuming an OH ha | rdening risk   | mitigation (62% ris | k reduction effecti | veness)             |                      |  |
|  | 2                          |  |                     |                     |                     |                      |  |
| Circuit Protection Zone (CPZ) Ranked Miles | Miles                      | Key Takeaway   |                     |                     |                     |                      |  |
|  | On each project a more     | granular ri  | sk spend efficie    | ncv evaluation      | vill be performed o | n an NPV basis       |  |
|  | (total cost of ownership   | for the ass  | et life) once the   | project is fully    | scoped similar to v | that is shown        |  |
|  | on the Versiel             | on the Keswick circuit protection zone on the next slide |                     |                     |                     |                      |  |
|  | UTI THE RESWICK            |  |                     |                     |                     |                      |  |



















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

 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. 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

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