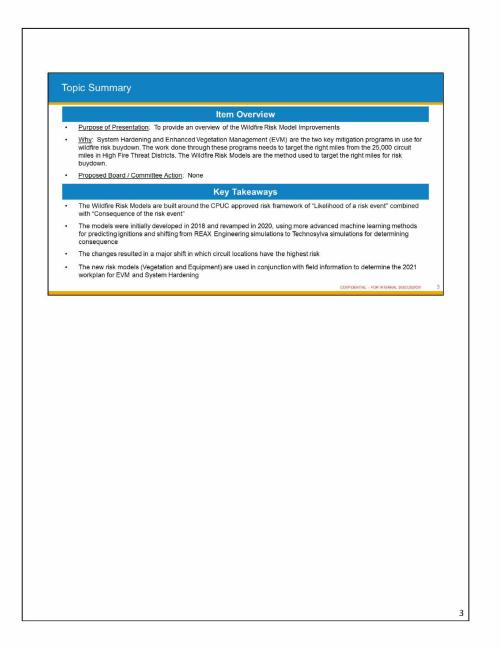


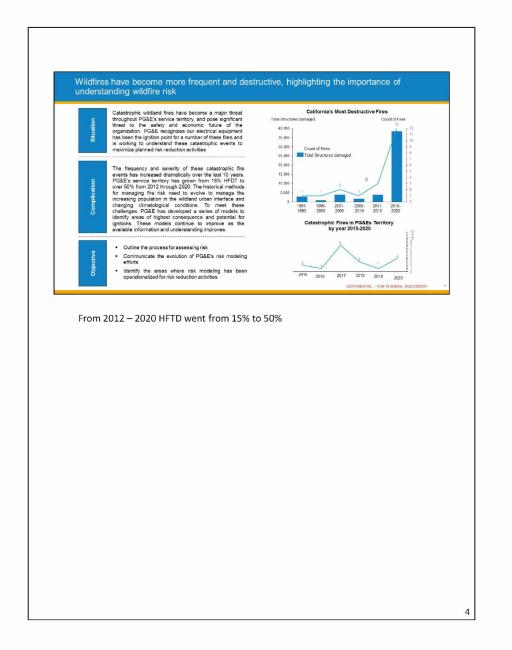
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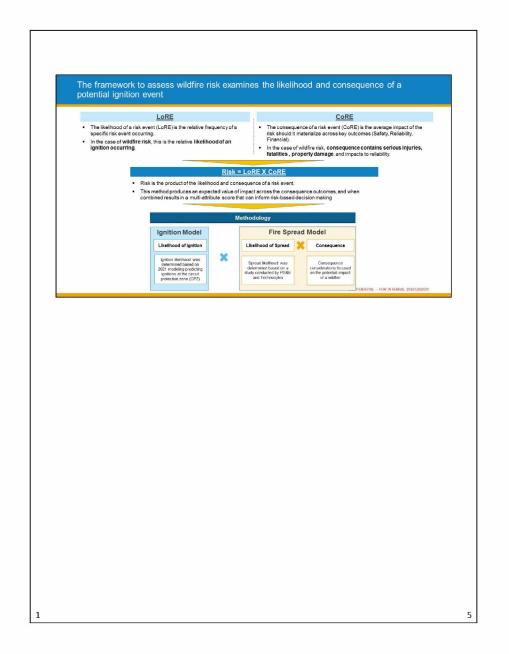
- 1. Topic Summary
- 2. Context setting
- 3. Wildfire risk evaluation framework
- 4. Enhancements implemented in 2021 Wildfire Risk Models
- 5. Risk buydown curves overview
- 6. Additional considerations to guide workplan

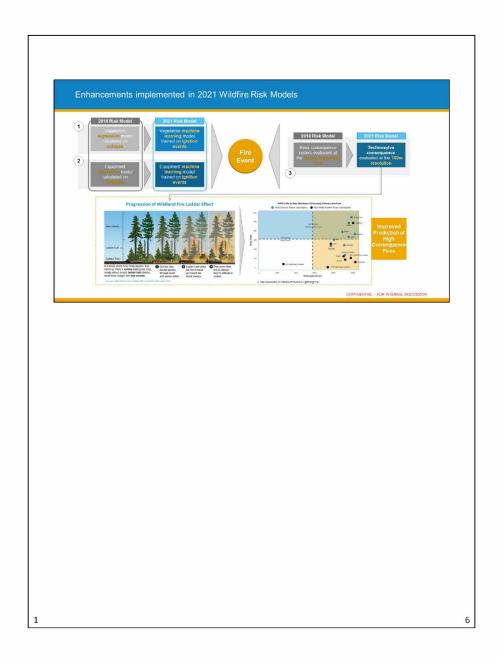
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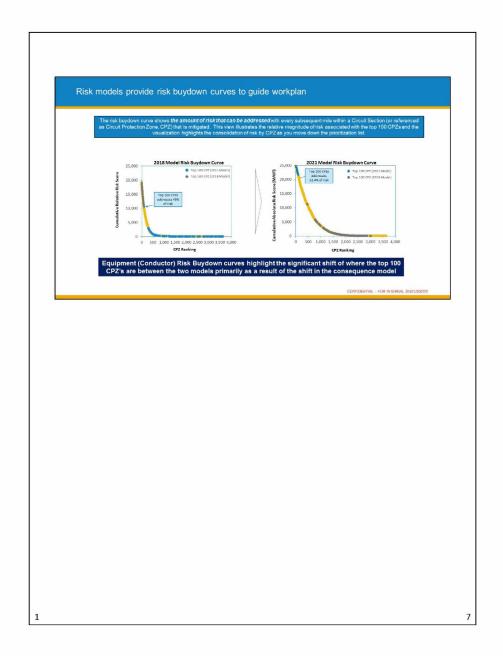
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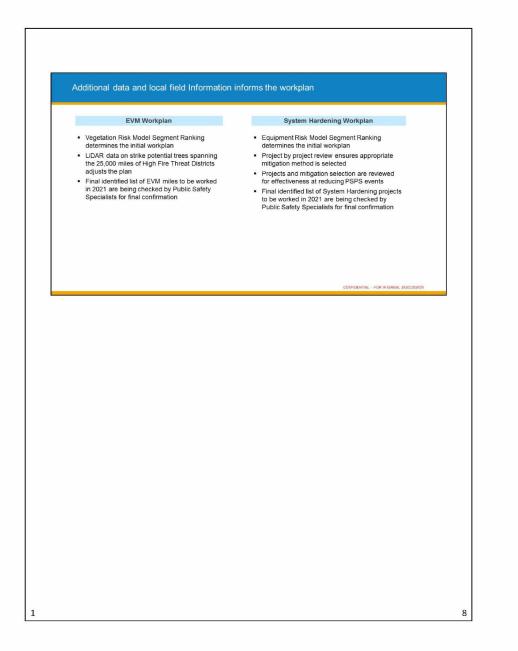


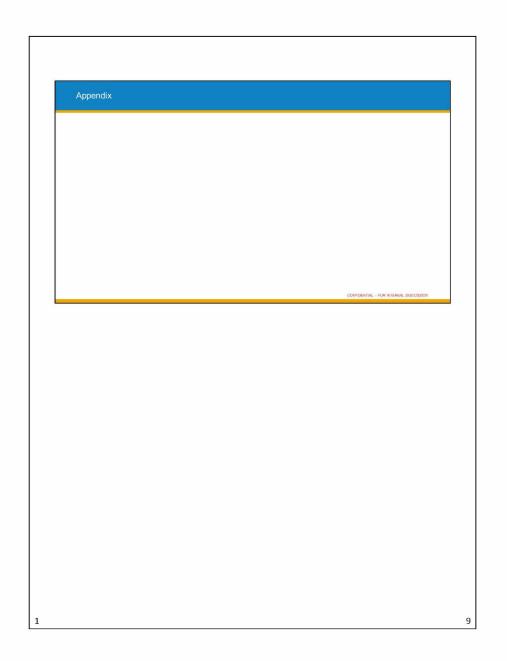


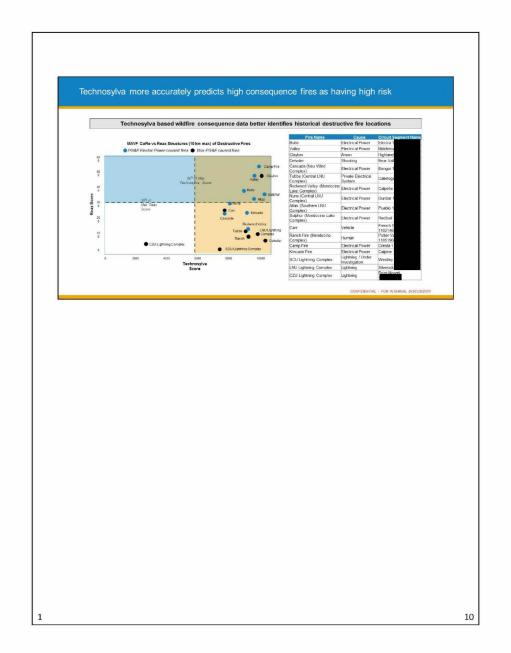




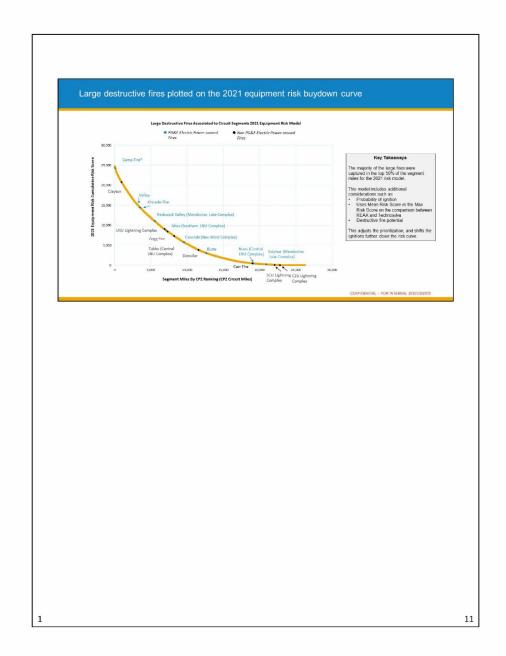
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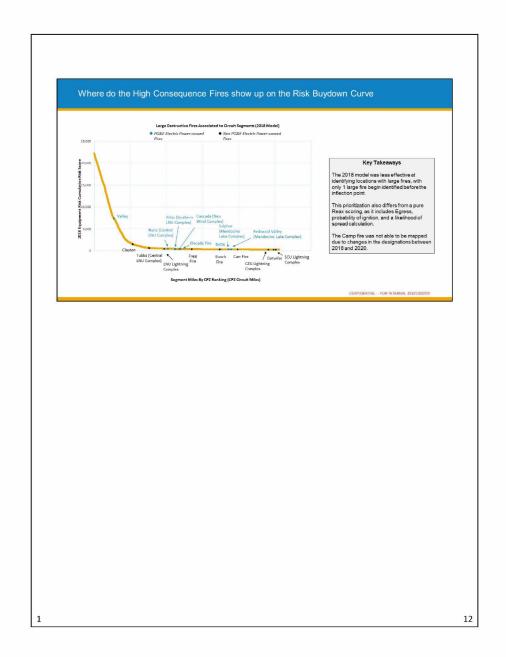






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CZU Lightning Complex Fire



Fire Description and Observations

- 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
- This was not one fire but a merging of small fires into one massive fire. Our current consequence models focus on potential fires growing from one ignition point as compared to simulating 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
- 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.

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