

## **Topic Summary**

## Item Overview

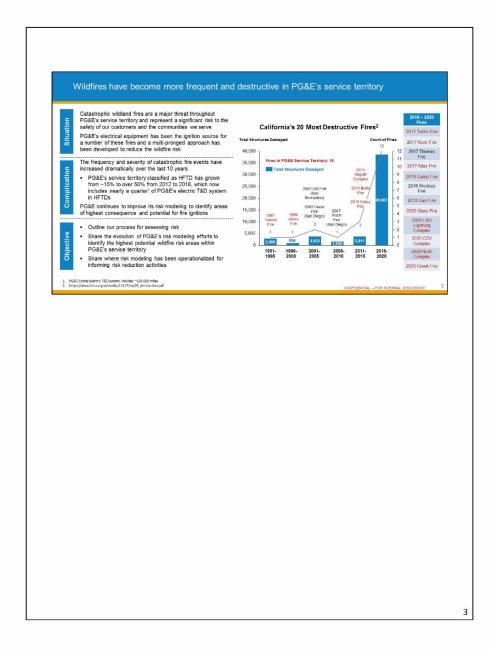
- Purpose of Presentation: To provide an overview of the Wildfire Risk Model Improvements
- Why: System Hardening and Enhanced Vegetation Management (EVM) are two key wildfire risk reduction programs focused on ~25,000 electric distribution circuit miles in High Fire Threat Districts (HFTD). Wildfire Risk Models inform the highest risk miles and the 2021 - 2023 LTIP Public Safety metrics.
- Proposed Board / Committee Action: None

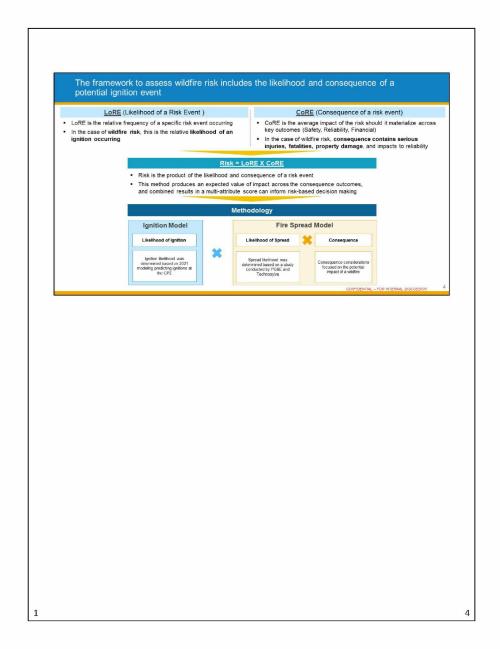
## **Key Takeaways**

- Wildfire Risk Models now incorporate the CPUC-approved risk framework of "Likelihood of a risk event" (LoRE) combined with "Consequence of the risk event" (CoRE)
- The models have continued to evolve with the use of advanced machine learning methods for predicting ignitions and improving fire spread simulations for determining consequence
- Improvements to risk models resulted in a significant shift in the risk ranking of the circuit segments, or circuit protection zones (CPZ) across HFTDs
- Enhanced risk models for Vegetation and Equipment coupled with subject matter expertise from PG&E's Public Safety Specialists with significant fire science and behavior experience, inform the 2021 workplan for wildfire risk reduction efforts

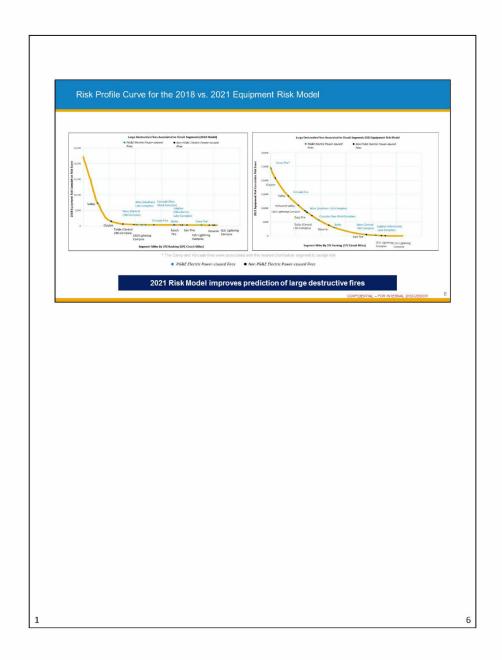
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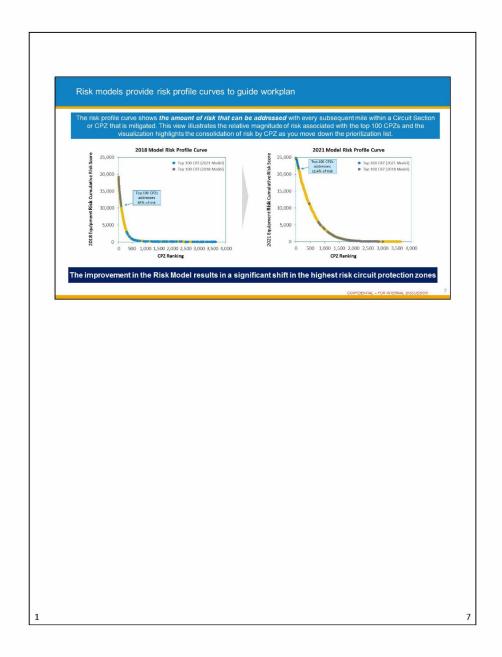
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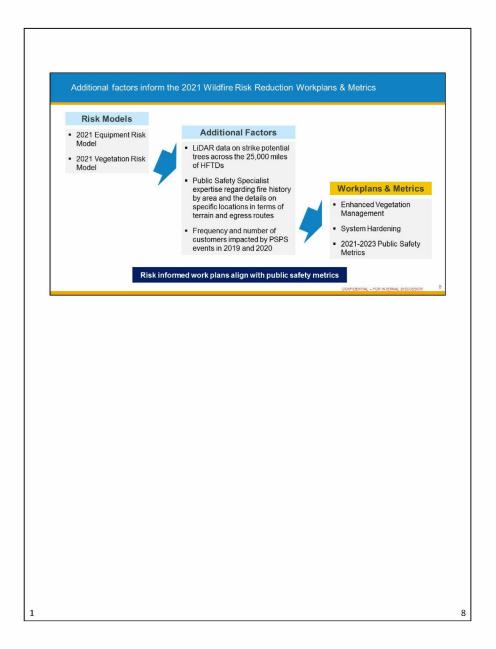


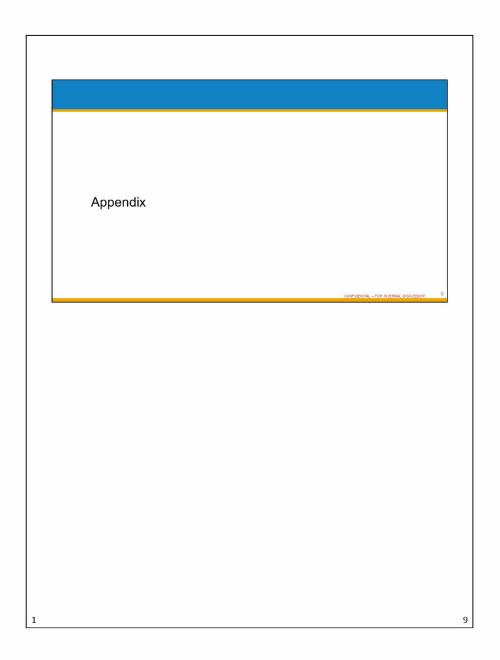


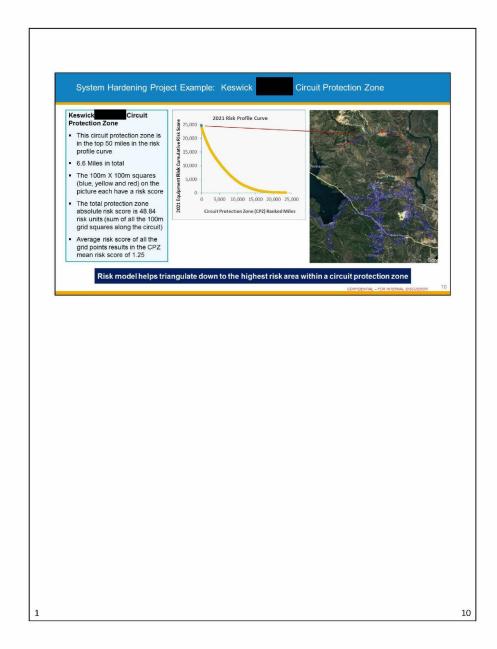












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