

Utilities Wildfire Mitigation Plan Update

June 7, 2023



Background information

- **California legislation (Senate Bill 901) requires electric utilities to prepare a Wildfire Mitigation Plan and update it annually.**
- **The Utilities' Wildfire Mitigation Plan will be updated annually, presented in a publicly noticed meeting, and submitted to the California Wildfire Advisory Board by July 1st of each year.**
- **Every 3 years publicly owned utilities will complete a comprehensive revision of the plan. 2023 is Utilities' first revision.**



Utilities Wildfire Mitigation Plan Update

- **Objective**

Complete a comprehensive revision of the Wildfire Mitigation Plan.

- **Collaboration**

Prepared with assistance and input from Fire, Urban Forestry, Open Space, Office of Emergency Services.

- **Evaluation**

Staff contracted with an outside consultant to perform a independent and comprehensive evaluation of the plan.

Utilities Wildfire Mitigation Plan Updates

1. Rebuild of overhead lines in the Foothills

- Staff installed 2.38 miles of substructure (conduit and boxes) of the 11 miles of overhead lines.
- The removal of approximately 70 poles will now be scheduled and the installation of substructure for Phases 3 and 4 will begin summer 2023.
- The anticipated target completion for the project is summer 2025.

2. Independent Evaluation

- CPAU contracted with Dudek to perform a comprehensive evaluation of this Plan. The final evaluation report is included here as Attachment B.
- In summary, the Utilities Wildfire Plan fulfills the requirements of a plan and meets the statutory requirements described in PUC 8387 (b)(2) for a publicly owned utility.

End of Presentation

Questions?

Supporting Information

Activities

Activity	Description	Status	Projected completion date
Utilizing fiberglass	Some poles will remain in our high fire threat area once lines are all underground. We will use new fiberglass crossarms when replacement is needed to enhance resiliency.	CPAU engineering staff finalized the design and specifications for fiberglass crossarms and ordered the necessary materials. Shipping constraints delayed shipment; materials were received in the Spring of 2023.	2024
Fiber optic extension	Concurrently with the above project, we will design and install new fiber optic cable to enhance the communications capability in our high fire threat area.	Segments of underground communication conduit are being installed along with the electric substructure work, phase by phase. Two phases are complete with two more in development.	Summer 2025
Emergency generators	Installing emergency backup generators at the water pumping stations and wastewater lift station in our high fire threat area.	Staff is working on the requirements for each site. Staffing shortages have delayed this project.	2024/2025

Activities - continued

Activity	Description	Status	Projected completion date
Wood pole inspection	To ensure proper infrastructure maintenance, this project involves inspecting, testing, treating, and reinforcing 700 wood utility poles through our territory.	This is a regular, reoccurring project.	June 2023
SCADA switch to facilitate deenergization	To facilitate the ability to quickly shut off power on the line serving our high fire threat area, CPAU staff will install a remotely operable switch, providing Electric Dispatch Operators at our Utility Control Center the capability to deenergize the line immediately.	We have selected the location of the remote switch and will install it while completing the above-mentioned undergrounding project	Early 2025
Outage Management System	To provide enhanced customer communication during outages, CPAU is updating our Outage Management System. The upgrades will provide additional functionalities, including the ability to notify customers and mobilize resources in response to outages and emergencies, send updates by email, text, and social media outlets, and improve customer service.	Implementation of the new System is underway.	August 2023