

SubjectHold IOU WUI Research Coordination - Fuel Reduction Buffer Study

LocationMicrosoft Teams Meeting

Start timeThu 11/9/20231:00 PMAll day event

End timeThu 11/9/20232:00 PM

Research Initiation Form

Cal Poly's Role: Cal Poly is the lead/prime

Sponsor: Investor-Owned Utilities Consortium Sponsor Contact: tyson.mccartney@pge.com Prime Sponsor: Investor-Owned Utilities Consortium Proposal Deadline: Fri, 12/01/2023 Pass-through Entity: Investor-Owned Utilities Consortium Working Proposal Title: Optimum Vegetation Clearance to Protect Electrical Transmissions & Distribution Towers/Poles Request for Proposal (RFP) / Solicitation Document Type: Other Information RFP / Solicitation Other Information:

Current Practice

- Brush clear 10' from the base of pole, in line with compliance requirement
- Each year, proactively select 500 high risk poles to perform fuels management for a 50' radius

Goal

- Determine optimum brush clearing/fuel management distance(s) to mitigate ignition risk
 - Different conditions and/or types of pole mounted equipment may have different optimum clearance distances

Request for Support

- Investigate what, if any, research has previously been conducted related to:
 - Brush clearing around utility poles
 - Optimum brush clear distance(s) and corresponding parameters
 - Historic ignition distances from utility poles
 - Theoretical ignition distances from utility poles
 - Projection distances associated with pole mounted equipment failure, may vary depending on equipment type
- Initiate a work plan to fill any data gaps in the above with the WUI leading the research

Action Items from 11/9/2023 Meeting:

Action Items. Mike D to prepare a veg/fuel management current practice questionnaire for each utility to fill out which will include SDG&E's responses. Richard L to update the current scope based on input from SCE SMEs based on the three topic areas that he outlined in the meeting. I will prepare an agenda for next meeting on Dec 7th and circulate ahead of time. Make sure to forward the meeting to all of the pertinent SMEs.

Microsoft Teams meeting