

AOC Development Version 1

Develop Areas of Concern (AOC) to address commitments in Wildfire Mitigation Plan

- 1) Objective created to align with vegetation management best practices incorporated by Southern California Edison documented during benchmarking sessions.
- 2) Evaluation will identify improvements in utilizing newest available data, predictive modeling (incorporated into 2023-2024 Version 2), and regional Subject Matter Expert (SME) reviews to identify vegetation specific target areas (polygons)
- 3) Risk model prioritized schedule for piloting Focused Tree Inspection (FTI)
- 4) Contribution SMEs and Stakeholder Teams:
 - i) Vegetation Asset Strategy and Analytics (VASA)
 - ii) Meteorology
 - iii) Public Safety Specialist (PSS)
 - iv) System Hardening
 - v) Wildfire Risk Management and Analytics
 - vi) Vegetation Management Regional Execution Teams

Development Phases

Phase 1: Data and Information Sources provided to Vegetation Management SMEs to draft initial Areas of Concern

1. Public Safety Specialist Circuit Risk-Ranking 2021 (not specific to Vegetation Risks)
2. Meteorology
 - PSPS Polygons 2018-2021 (Recommended baseline dataset)
 - 30 Year Diablo Wind Study – (Additional information, full dataset provided no thresholds defined)
3. Vegetation Management Datasets
 - PSPS Damage Locations (2020-2021)
 - PSPS_Lookback_Plus_2021_Actuals
 - FS_outage_cluster_score_Fire_Season_Only
 - Outage_cluster_by_score_catagory_all
 - Vegetation_Ignitions_By_Size
4. PG&E High Fire-Risk Areas (HFRA)
 - HFRA v5.1 (kmz)

Phase 2: Vegetation Management SME Team Review and Recommendations to Identify AOC for Focused Tree Inspection

- Conduct Regional Reviews by county to develop initial recommendations based on available data, local knowledge, and inspection trends (recent outages, ignitions, etc.)

- Vegetation Asset Strategy & Analytics (VASA) hosted office hours and regional workshops, as requested and optional sessions 8 total through 10-20-22. These sessions offered regionally based guidance on process expectations and available data, and training as needed on polygon development.
- Verification of areas to validate need for Second Patrol (*Initial guidance for regional reviews but not incorporated into AOC polygons*)
 - Areas recommended for removal from Second Patrol, legacy WUI outside HFTD/HFRA, etc.
 - Orchards and lower risk areas in Central Valley (additional bi-product of work is identification of low-risk areas in Second Patrol program)

Phase 3: Vegetation Asset Strategy & Analytics (VASA) Review and Consolidation

- VASA review and consolidation of VM Phase 2 recommendations
- Distribute back to local teams to ensure recommendations captured
- Additional reviews of Second Patrol Area by County (*Initial guidance for regional reviews but not incorporated into AOC polygons*)

Phase 4: System Wide Packaging and distribution for broader Stakeholder Reviews

- Meteorology (Provided data listed in Phase 1)
- Hardening/Grid Design (Invited to Regional Workshops)
- PSS Team (Shared AOC polygon/kmz 1-31-2023)
- Wildfire Risk Management (Supported evaluation and vetting WDRMv3 prioritization)

Phase 5: 3rd Party Reviews and WDRMv3 Risk Ranking of AOC Polygons

- Share process and methodology with Independent 3rd Party
- Shared with Operational Observers and acted on recommendations.
 - Summary: Added two polygons, 32 miles that identified WDRMv3 risk scores higher than initially drafted AOCs
- Aggregate WDRMv3 Risk scoring to AOC polygons and rank into updated prioritized Tranches
- Incorporate post-evaluation work products and recommendations by 3rd Party
 - Summary: Added four new polygons as final AOCv1 refinement, ~ 54 OH line-miles (Sept. 2023)
- Aggregate WDRMv3 Risk scoring to AOC polygons and rank into prioritized Tranches

Phase 6: Wildfire Safety Governance Steering Committee - Leadership Review

- WRGSC Decision Presentation Developed and Presented on March 16, 2023

WRGSC Decisions and Guidance

1. FTI Pilot Recommendations - ~ 300 miles from Tranche 1
2. Four AOC polygons in Tranche 1 selected for 2023 Pilot to begin in Q2
3. Approved FTI Initial 2 Tranche Plan prioritized by WDRMv3 – additional ~ 2,700 miles as ~ 300 miles from Tranche 1 were selected for FTI pilot.
 - This plan with additions resulting from 3rd Party review represent the recommended 2024 AOC and Focused Tree Inspection (FTI program plan)
 - 1500 miles for 2024 presented on 11/30/23 along with Lesson Learned from 2023 pilot.