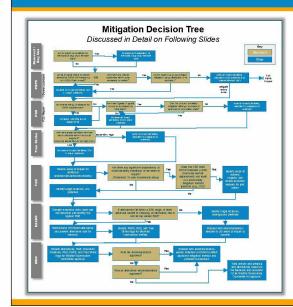
Wildfire Risk Governance Committee System Hardening Project Approvals

February 4, 2021

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Decision Tree and Guiding Principles



Guiding Principles

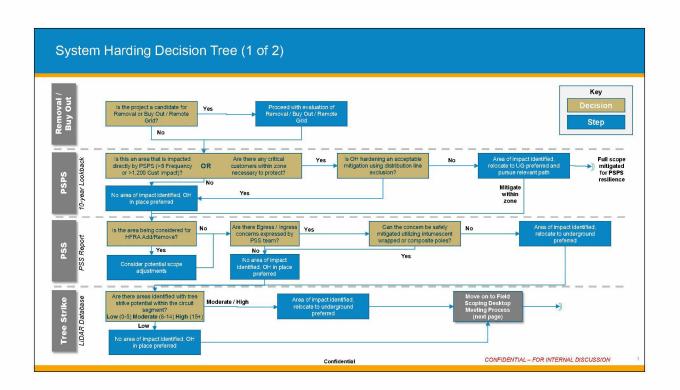
The **primary purpose** of the system hardening program is to **reduce wildfire risk**

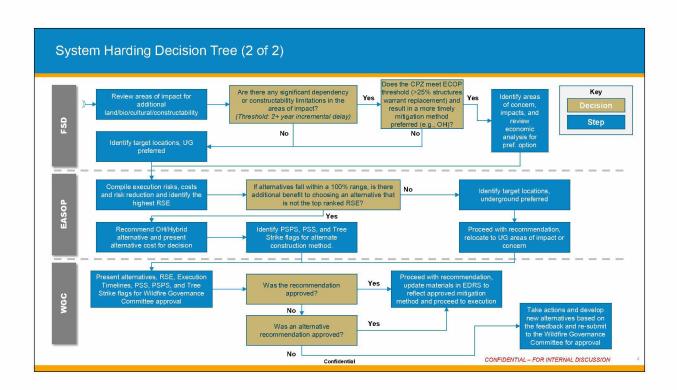
Other risk factors will be address as targets of opportunity:

- Where possible, the selected mitigation may be enhanced to reduce the impacts of PSPS to customers
- EC tag concentration can trigger a system hardening project due to the increased risk not captured in the wildfire risk model
- All hardening **projects will address any EC tags** that fall within the scope of the job

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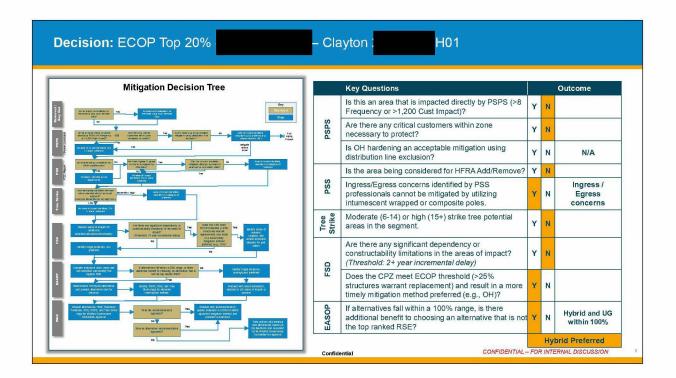
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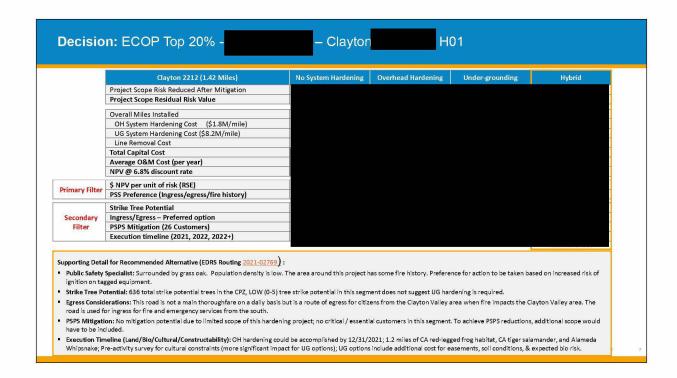


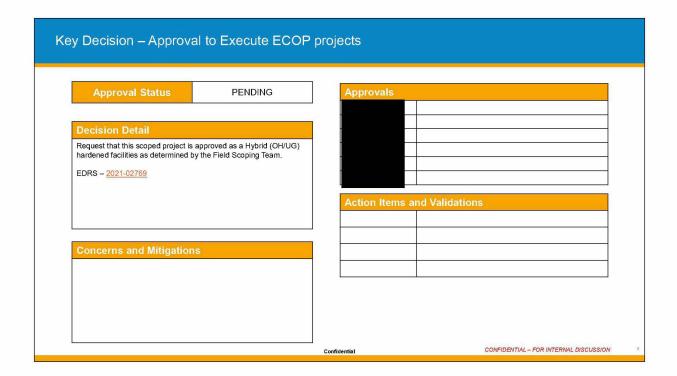


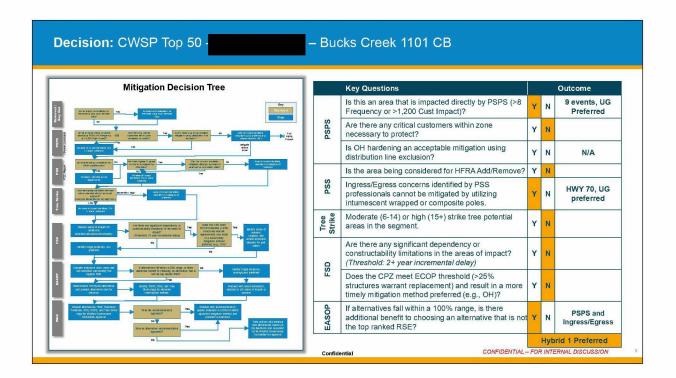
The decision tree will be stress tested using the following mitigation level project approvals The following 3 projects are for discussion today: Total MAVF Core Risk Value Mean MAVF Core Risk Rank Order No. CPZ Work Bucket Recommendation WGC Request **WGC Decision** CLAYTON ECOP Hybrid (OH/UG) 32.63 377 Decision Bucks Creek 1101CB CWSP - Top 50 11 Hybrid (OH/UG) Decision WGC Inform CWSP - Top 250 13 39 ОН Inform CONFIDENTIAL - FOR INTERNAL DISCUSSION

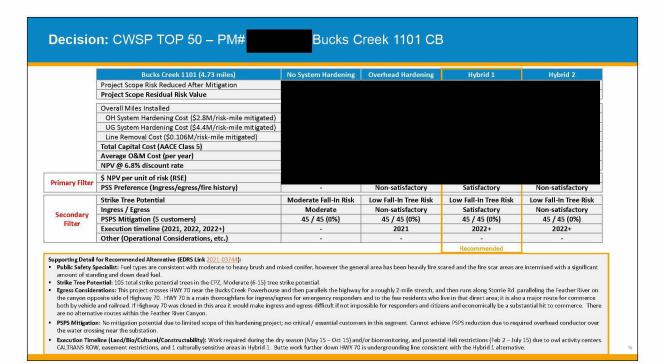
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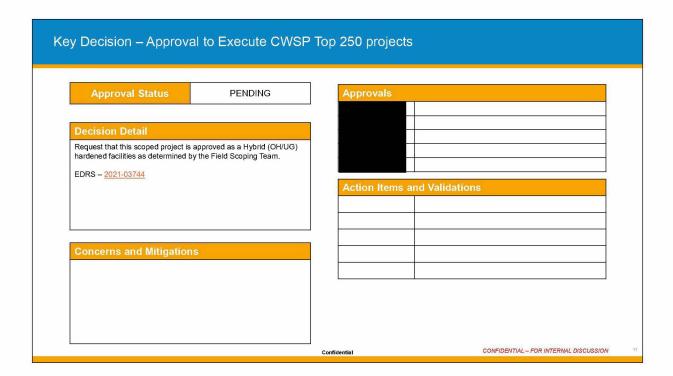


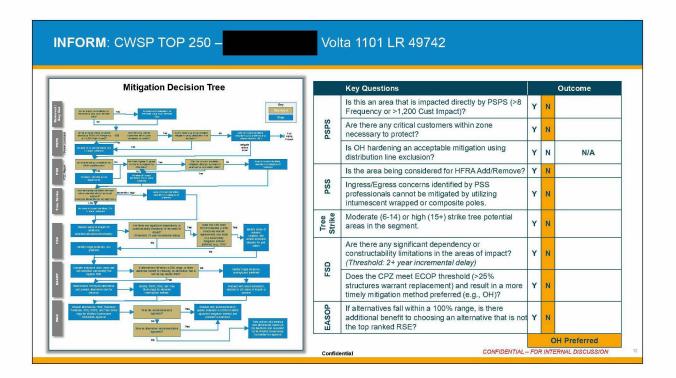


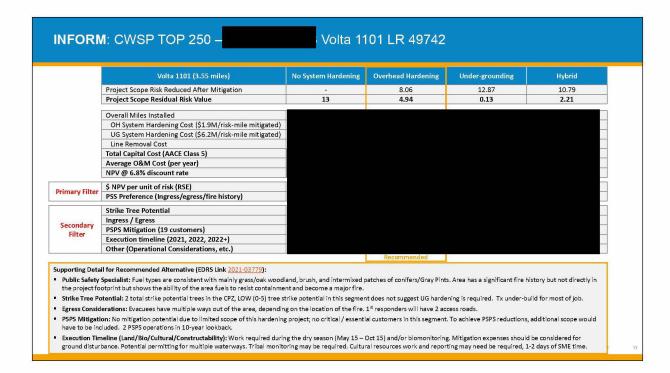












Key Decision – Approval of System Hardening Decision Tree PENDING Support Support Support Request that the System Hardening Decision tree be approved to Support streamline the mitigation approval process. Key tenets of the decision include: Support System Hardening Team will leverage the decision tree in all mitigation scoping discussions Any jobs clearly defined by the decision tree logic will come to the committee as an inform Abstain - Not present All jobs which are "on the edge" or require exceptions to the decision tree will be brought to the committee for approval Clearly articulate the guiding principles for the system hardening program **Guiding Principles** Continuous Improvement As we move forward, look for opportunities to quantify (where possible) the criteria and develop a normalized scoring RSE Threshold Update RSE threshold to 100% EC Tags Clearly articulate the thresholds CONFIDENTIAL - FOR INTERNAL DISCUSSION Confidential

EC Tag Optimization Program

EC Optimization Program Hardening Review Process

- Review Circuit Protection Zone for potential hardening areas using the following searches/criteria:
 - Review EC Tags along Circuit Protection Zone for clustering of tags with the following Object Types:
 - Poles
 - Crossarms
 - Transformer
 - Insulators
 - b. Review Data for concentrations of EC Tags within the same Automatic Source Side Device (ASSD)
- 2. Count the total number of poles within the potential hardening zone
- 3. Determine the probable structure impact factor using the probable structure impact factor (table below).

TAG TYPE	PROBABLE POLES TO BE REPLACED	NOTES
Pole Replacement	1 pole	
Oil Filled Equipment Replacement	1 pole	Count only if not associated with a structure above
Splice Count	1.5 poles	1.5 if not adjacent to pole/ transformer tags
Insulator / Cross Arm Replacement	0.4 poles	Count only if not associated with a structure above

EC Optimization Results

	>25% Impacted Structures	<25% Impacted Structures
>400 CPZ Priority	Consider designating entire CPZ as potential hardening Area	Review mainlines and taps for potential <2 miles hardening projects that affect greater than 50% structure impact criteria
<400 CPZ Priority	CPZ hardening criteria may <u>not</u> apply	Review mainlines and taps that meet greater than 50% structure impact and consider proposals to extend

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