

DRAFT WSS Content	Proposed SB 2922 SD 2 HD 3 §269-C Wildfire protection plans.
<b>1 Executive Summary</b>	
<b>2 INTRODUCTION</b>	
2.1 2025 Wildfire Safety Strategy Overview	(2) Describe the objectives of the wildfire protection plan;
2.1.1 Four pillars of wildfire safety	
2.1.2 Providing for Future Updates	
2.2 Overview of Service Territory	
2.3 Worldwide Risk Drivers	
2.3.1 Weather and Climate	
2.3.2 Fire History	
2.4 Hawaii Wildfire Risk Considerations	
2.4.1 Climate, and Vegetation Risks	
2.4.2 Fire History	
2.4.3 Population and Land Use	
2.5 Wildfire Mitigation Planning Prior to 2024	
2.5.1 Overview of Prior Plans	
2.5.2 Milestones and Achievements	
2.5.3 Applying Industry Lessons and Best Practices	
<b>3 WILDFIRE RISK MAP</b>	(3) Identify areas that are subject to a heightened risk of wildfire and are:
3.1 Background and Purpose	(3A) Within the right of way or legal control or ownership of the electric utility; and
3.2 Baseline Data	(3B) Outside the right of way or legal control or ownership of the electric utility but within a reasonable distance, as determined by the commission, of the electric utility's generation or transmission assets;
3.2.1 Ignition Points and Fire Perimeter Data	
3.2.2 Vegetation Classification Data	
3.2.3 DLNR Community Risk Maps	
3.3 Overview of High Fire Threat Areas	(*12B) Particular risks and risk drivers associated with topographic and climatological risk factors throughout the different parts of the electric utility's service territory;
3.4 Overview of Fire Risk Tiers	
3.4.1 Wildfire Risk Tier Definitions	
3.5 Operationalized Wildfire Map	
<b>4 RISK MODELING AND MITIGATION ASSESSMENT</b>	(4) Identify a means for mitigating wildfire risk that reflects a reasonable balancing of mitigation costs, continuity of reliable service, and reduction of wildfire risk;
4.1 Risk Quantitative Framework and Methodology	
4.1.1 Methodology	
4.1.2 Using the Risk Framework	
4.1.3 Wildfire Consequence Values	
4.1.4 Electric Reliability	
4.1.5 Financial	
4.1.6 Community Values at Risk	
4.2 Estimated Total Wildfire Risk	(12) Include a list that identifies, describes, and prioritizes wildfire risks, and drivers for those risks, throughout the electric utility's service territory, including all relevant risk and risk mitigation information as may be required by guidance or rules adopted by the commission;
4.2.1 Oahu	
4.2.2 Hawaii Island	
4.2.3 Maui County	
4.3 Risk Spend Efficiency	
4.4 Feeder Model	(*12A) Risks and risk drivers associated with design, construction, operations, and maintenance of the electric utility's equipment and facilities; and
4.4.1 Methodology	
4.4.2 Summary	
4.5 Mitigation Selection process	(13) Describe how the wildfire protection plan accounts for risks the electric utility identifies under paragraph (12);
4.5.1 Mitigation Selection Criteria	
4.5.2 Wildfire Mitigation Portfolio	(5) Identify preventive actions and programs that the electric utility shall carry out to minimize the risk of electric utility facilities causing wildfires; [also throughout Section 5]
4.6 Future Model Updates	
4.6.1 Data Collection Programs	
4.6.2 Future Analytics	
<b>5 ENHANCED WILDFIRE SAFETY STRATEGY</b>	(*14) Describe the reasonable actions the electric utility will take to ensure its system will achieve the highest level of safety, reliability, and resiliency, and to ensure that its system is prepared for a wildfire, including hardening and modernizing its infrastructure with improved engineering, system design, standards, equipment, and facilities, such as undergrounding lines, insulation of distribution design, standards, equipment, and facilities, such as undergrounding lines, insulation of distribution wires, and pole replacement;
5.1 Expand and Improve Situational Awareness	
5.1.1 Environmental monitoring and data collection systems	
5.1.2 Enhanced Meteorology Capabilities	
5.1.3 Weather Station and Camera Deployment Strategy	
5.1.4 Summarize Situational Awareness scope, costs, and timing	
5.1.5 Other Technologies	
5.2 Vegetation Management Program	(11) Describe the procedures, standards, and time frames that the electric utility will use to carry out vegetation management in areas that the electric utility identifies under paragraph (3), including whether those procedures, standards, and time frames are already set forth in the electric utility's existing plans or protocols and in coordination with any relevant entities;
5.2.1 Overview of VM Program	
5.2.2 Conformance to Law and Best Practices	
5.2.3 Wildfire VM Program Components	
5.2.4 VM Wildfire Quality Assurance/Quality Control	
5.2.5 VM Organizational Structure	
5.2.6 Summarize VM inspection scope, costs, and timing	
5.3 Asset Inspection and QA/QC Programs	(10) Describe the procedures, standards, and time frames that the electric utility shall use to inspect electric utility infrastructure in areas that the electric utility identifies under paragraph (3), including whether those procedures, standards, and time frames are already set forth in the electric utility's existing plans or protocols and in coordination with any relevant entities;
5.3.1 Distribution Asset Inspection and Repair/Replacement Programs	
5.3.2 Transmission Asset Inspection and Repair/Replacement Programs	
5.3.3 Enhanced inspections and improved methods (ground and aerial)	
5.3.4 Distribution and Transmission Quality Assurance and Quality Control	
5.3.5 Summarize Asset inspection scope, costs, and timing	

5.4 Harden the Grid	
5.4.1 Grid Design and System Hardening	
5.4.2 Hardening Strategies	
5.4.3 Quality Assurance and Control Program	(19C) Describe the processes and procedures the electric utility will use to Monitor and audit the effectiveness of electrical line and equipment inspections, including inspections performed by contractors, carried out under the wildfire protection plan and other applicable statutes and rules of the commission;
5.4.4 Forecast of overall hardening scope, timelines, and expected costs	
5.5 Enhanced Fast Trip (EFT) Program	
5.5.1 Planning	
5.5.2 Activation of EFT Settings	
5.5.3 EFT Pilot	
5.5.4 EFT Expansion	
5.6 Public Safety Power Shutoff Program	(8) After seeking information from state and local entities, identify a protocol for the deenergizing of power lines and adjusting of power system operations to mitigate wildfires, promote the safety of the public and first responders, and preserve health and telecommunications infrastructure;
5.6.1 Planning and Protocols	(9) Describe appropriate and feasible procedures for notifying a customer who may be impacted by the deenergizing of power lines. The procedures shall consider the need to notify, as a priority, critical first responders, health care facilities, operators of wastewater and water delivery infrastructure, and operators of telecommunications infrastructure;
5.6.2 PSPS Organization and Execution	(14) Include a showing that the electric utility has an adequately sized and trained workforce to promptly restore service after a wildfire, taking into account employees of other utilities pursuant to mutual aid agreements and employees of entities that have entered into contracts with the electric utility;
5.6.3 Activation of PPS Event	(17) Describe how the wildfire protection plan is consistent with the electric utility's other hazard mitigation and grid hardening plans, including plans to prepare for, and to restore service after, a wildfire, including workforce mobilization and repositioning equipment and employees;
5.6.4 Deactivation from PPS Event	
5.6.5 2024 PPS Program and Expansion	
5.6.6 Summarize overall costs for the development and implementation of PPS	
5.7 Strengthen Stakeholder and Community Partnerships	
5.7.1 Public outreach and education	(18) Identify community outreach and public awareness efforts that the electric utility will use before, during, and after a wildfire;
Engagement and support for access and functional needs customers, and strategic	
5.7.2 community partners	
5.7.3 Customer programs that support community safety for wildfire and PPS safety	
5.7.4 Summarize scope, costs, and timing of outreach activities	
5.8 Advancement of new technology	
5.8.1 Situational awareness advances	
5.8.2 Protection advances	
5.8.3 Grid Modernization	
5.8.4 Advanced inspection techniques	
5.8.5 Summarize the scope, costs, and timing of advanced technologies	
5.9 WSS Management, Organization and Governance	(1) Account for the responsibilities of persons responsible for executing the wildfire protection plan;
<b>6 DATA COLLECTION &amp; PERFORMANCE INDICATORS</b>	(20) Demonstrate elements of data governance, including enterprise systems, as may be required by guidance or rules adopted by the commission;
6.1 Data Collection (any systems improvements related to data improvements)	
6.2 Metrics and Key Performance Indicators	(6) Identify the metrics the electric utility intends to use to evaluate the wildfire protection plan's performance and the assumptions that underlie the use of those metrics;
	(7) Describe how the application of previously identified metrics to previous wildfire protection plan performances has informed the wildfire protection plan;
	(19A) Describe the processes and procedures the electric utility will use to Monitor and audit the implementation of the wildfire protection plan;
	(19B) Describe the processes and procedures the electric utility will use to Monitor the effectiveness of the wildfire protection plan and the wildfire protection plan's implementation and identify areas for improvement; and
6.3 Management of Change	
6.4 Future Revisions to WSS	
<b>7 WSS PROJECTED COSTS</b>	(15) Identify the estimated development, implementation, and administration costs for the wildfire protection plan;
	(16) Identify the timelines, as applicable, for development, implementation, and administration of any aspects of the wildfire protection plan;
* indicates Commission offered amendments to S.B. No. 2922, SD2 HD2	