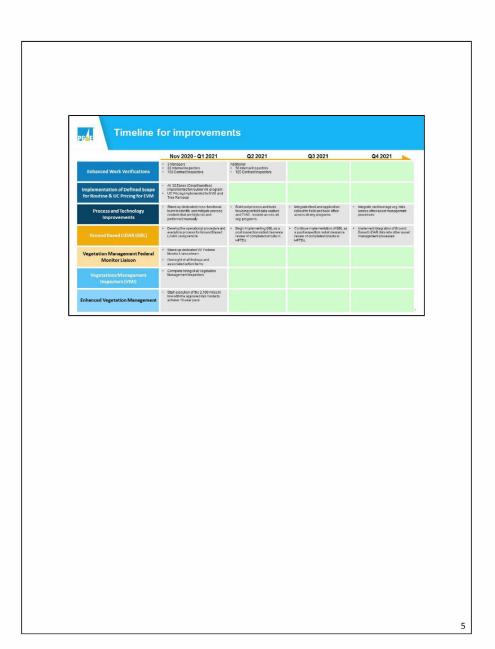


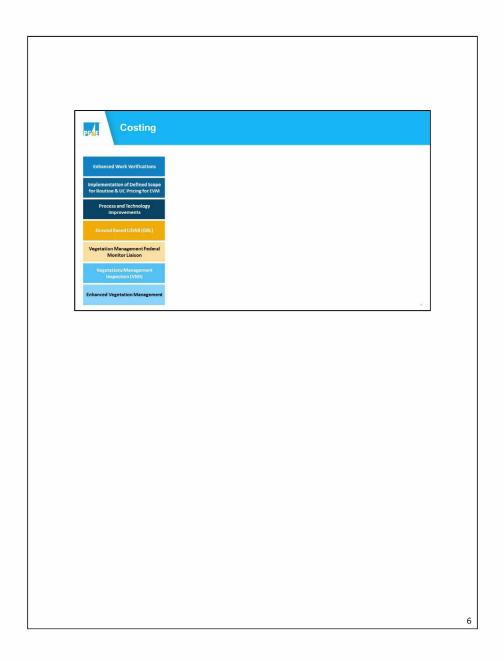
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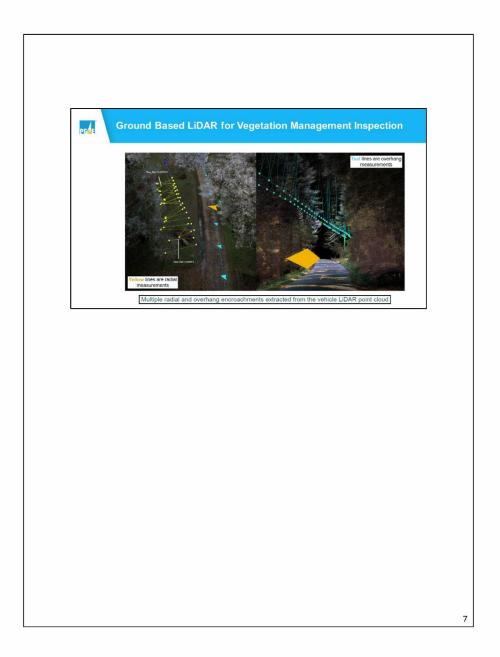
Current and Proposed Scope Enhancements		
	Current Scope	Proposed Scope Enhancements
Enhanced Work Verifications	 Work verification is performed on 100% of only the EVM program each year, typically within an average of 14 days following completed work 	 Verification to include all vegetation management work (T&D), in HFTD areas on a 100% basis and a 25% random sample of non-HFTD work; Shift towards
	Current workforce encompasses a 1:5 ratio of QV inspector to tree crews with 100 QV contract inspectors staffed at peak	near real-time quality assessment Proposed workforce will be ~360 FTE, steady-state, targeting a 1:3 ratio of QV inspector to tree crews
Implementation of Defined Scope & UC for EVM & Tree Work	 Distribution Routine work was performed on a unit price basis and tree removal was performed on a T&E basis PG&E responsible for contracting and coordinating both pre-inspection and tree cree work. 	Contractors are assigned responsibility for the compliance of circuit bundles [zones] based on "defined scope"; a 21 cotaizones encompass the entire system Contract structure incentivbes contractors to "trim beyond compliance" and own accountability for completed work.
1.00002.000		Transition EVM & tree removal towards unit price basis
Process and Technology Improvements	 The VM technology and data/performance management team currently supports the development, administration, integration and strategy of VM databases and tools on an ad hoc basis 	 Build a dedicated team to include members from VM, IT and EO Process Improvement focused on both near-term tactical and long-term strategic process and technology fixes to close data collection and data and records membersement page.
Ground Based LIDAR (GBL)	 PG&E has conducted ground-based LIDAR plots using vehicle, ATV and backpack mounted LIDAR technology in 2020 	Use ground-based LIDAR using vehicle as a post impection radial clearance review of completed circuits. Can address "70% of HTD circuits due to accessibility." Provide digital time stamped traceable, verifiable, accurate and complete (TVAC) records for work vehicleston.
Vegetation Management Federal Monitor Liaison	 Local operations teams are dispatched to review findings as PG&E becomes aware of rederal Monitor or State Regulator observations 	 Dedicated centralized team of arborists/professional foresters to conduct reviews of all Federal Monitor and State Regulator findings and ensure timely follow-up and closure of each finding
Vegetations Management Inspectors (VMI)	 Primarily rely on contractor expertise for directly observing contract tree crews performing work. 	 Staff the VMI team with PG&E employees to ensure internal expertise on all aspects of Vegetation work, targeting a 1:20 ratio of VMI to tree crew
Enhanced Vegetation	 Enhanced Vegetation Management pace of 1,800 miles per year results in a 12- year window of completion for the baseline program 	 Adjust the pace of the baseline program to 2,100 miles per year and shorten the window of completion to 10 years (2021-2030)

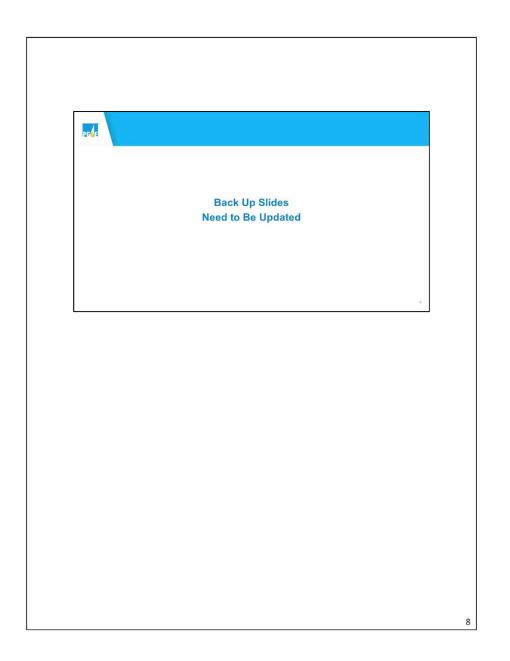
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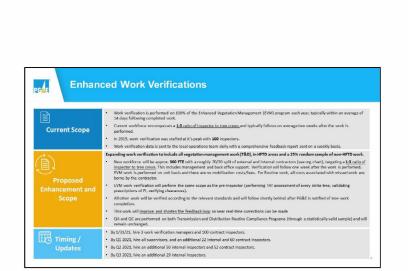
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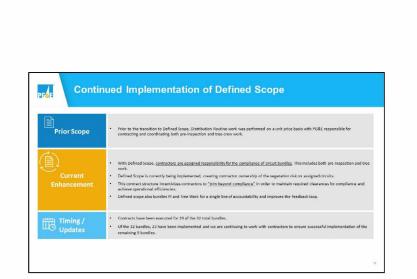


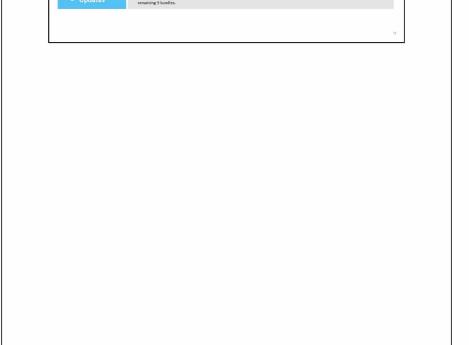








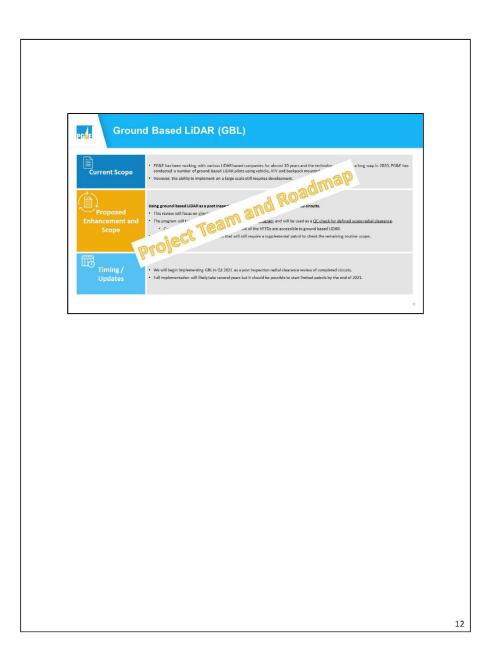




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