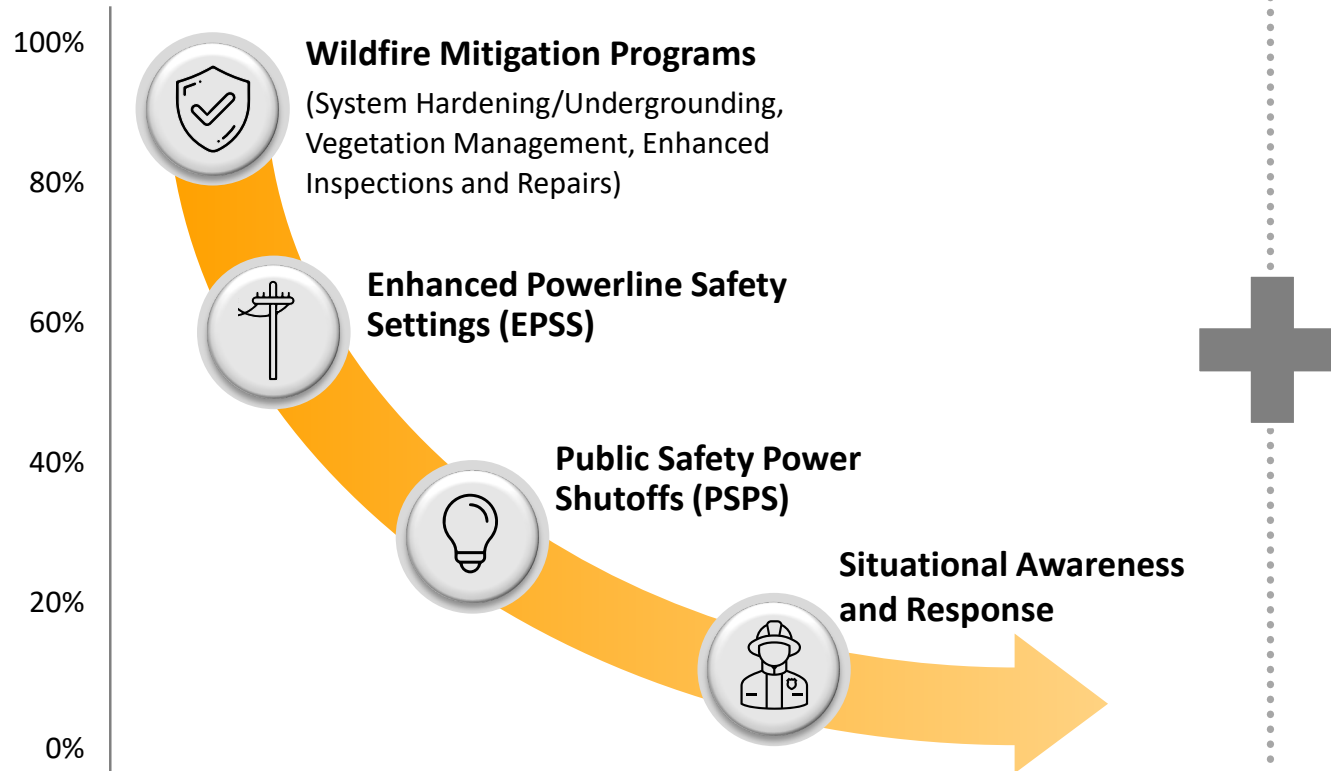


Building on Layers of Protection

We are building on existing layers of protection to reduce more wildfire risk in 2023.

90% reduction in wildfire risk from PG&E equipment*

94% reduction in wildfire risk from PG&E equipment in 2023*



New or expanded measures in 2023:

- ✓ Downed Conductor Detection
- ✓ Partial Voltage Force Out
- ✓ Transmission Operational Controls
- ✓ Transmission Pole Clearing

*Based on a comparison in the Utility's GRC testimony of the wildfire risk score for a baseline risk level to a risk level reflecting the Utility's mitigation work. Risk scores are calculated using the scoring methodology established by the CPUC in the Safety Model Assessment Proceeding, which reflects the frequency with which various risks are expected to occur and the potential safety, reliability, and financial impacts of varying degrees of wildfire severity. Some of the measures included in this presentation are contemplated as additional precautionary measures intended to further reduce the risk of wildfires.

How We Prioritize Our Wildfire Safety Efforts

	PROGRAMS					
	EPSS		UNDERGROUNDING		ENHANCED VEGETATION MANAGEMENT	
	Effectiveness*	2023 Risk Reduction^	Effectiveness*	2023 Risk Reduction^	Effectiveness*	2023 Risk Reduction^
	68%	64%	99%	1%	~13% [†]	1% [†]
Prioritization Approach	<ul style="list-style-type: none"> Capability implemented across all circuits in HFRA and adjacent buffer areas Used when wildfire risk is elevated 		<ul style="list-style-type: none"> Targets riskiest 10,000 miles of 25,000 total HFRA miles Wildfire risk models with a feasibility overlay provide prioritization approach 		<ul style="list-style-type: none"> Compliance-driven Wildfire risk models guide prioritization approach for hazard tree work 	
Estimated Cost (Per Year)	\$40M capital; \$130M expense		\$1,300M		\$800M+ [†]	
	<ul style="list-style-type: none"> Initial deployment cost is low Ongoing operating cost is medium 		<ul style="list-style-type: none"> Upfront cost is high (capital) Lifetime operating cost is low 		<ul style="list-style-type: none"> Ongoing cost that will increase over time 	
Reliability	<ul style="list-style-type: none"> Lower reliability Improvements made year-over-year to improve reliability 		<ul style="list-style-type: none"> Highest reliability 		<ul style="list-style-type: none"> Limited reliability benefit 	
Public Safety	<ul style="list-style-type: none"> Impact to Wildfire Risk: High Impact to Reliability, AFN customers 		<ul style="list-style-type: none"> Best benefits for public safety and reliability overall 		<ul style="list-style-type: none"> Limited public safety benefit 	
RSE	106		5 (2023) – 6 (2026) Varies by project		4 [†]	

*Based on the most accurate and current empirical data. ^Additional programs contribute to overall risk reduction. † Enhanced Vegetation Management (EVM), program transitioned in 2023; cost as of 2022.

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Internal

Areas of Concern (AOC) Development and Locations

PSS	Public Safety Specialist (PSS) circuit review and scoring by county
Meteorology	Meteorology 30-year re-analysis packages and PSPS lookback polygons
Vegetation Management	Vegetation Management PSPS damage, outage clusters 2018-2021, ignitions and regional review of second patrol areas with requests and recommendations
High Fire-Risk Area	High Fire Risk Area (HFRA) v5.1 - baseline
EPSS	EPSS Buffer v5.1: additional areas outside HFTD/HFRA that are subject to EPSS enablement under specific conditions



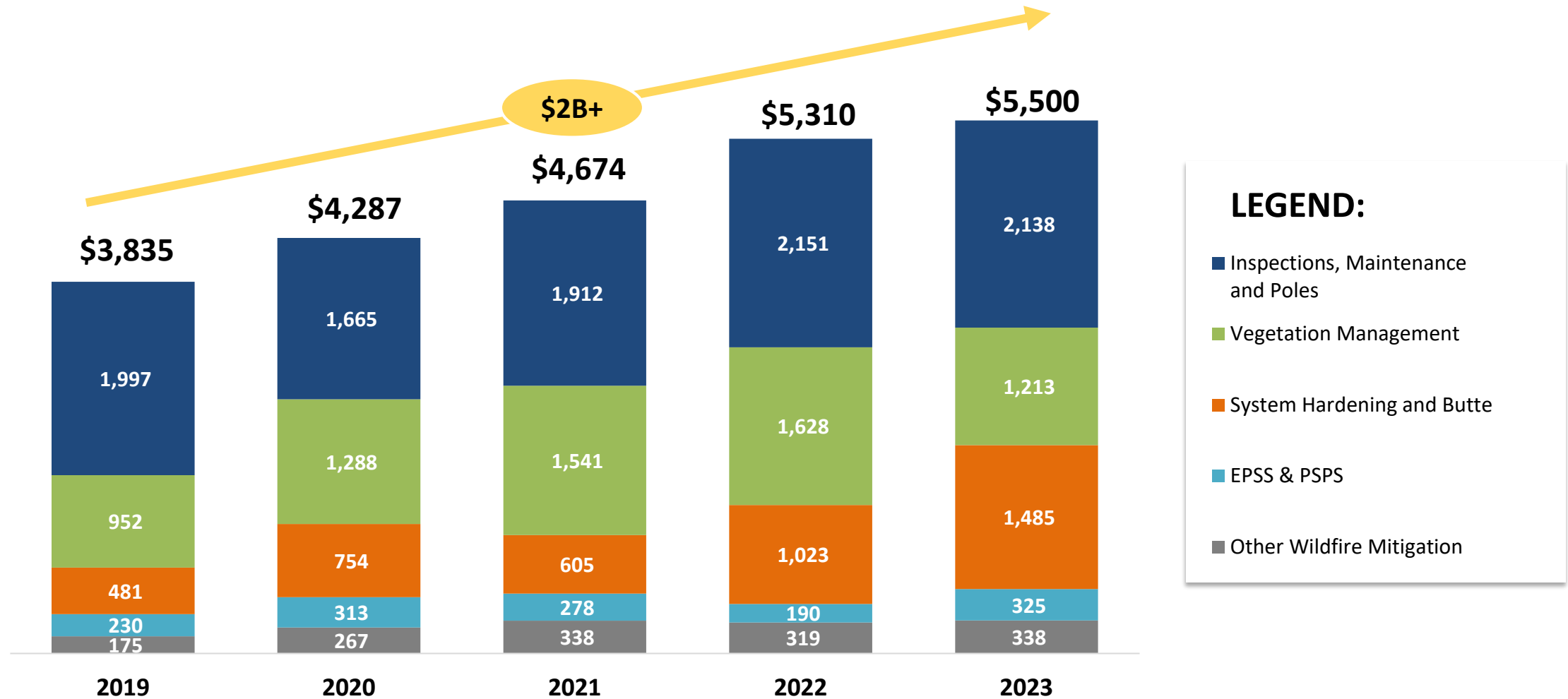
Key Takeaways:

- ~4,800 miles of AOCs in PG&E's service territory
- Pre-Inspectors are Tree Risk Assessment Qualification (TRAQ) by ISA



AOC Map
102 AOCs,
20 counties

Increasing Our Investment in Wildfire Mitigation Efforts



¹Figures represented are from the 2023-2025 WMP

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EPSS Improvements: Turning Learnings into Action

By turning 2021 learnings into action, we simultaneously expanded and improved the EPSS Program last year.

Key 2022 improvements based on 2021 learnings:

- Engineered and installed coordinated settings
- Developed and executed circuit-level enablement to maximize risk reduction and reliability
- Refined circuit patrols and better identified fault locations
- Leveraged the Regional Service Model to institute daily outage reviews locally where trends and actions to reduce outages were performed

	2021	2022	Improvements
Average outage length	~7 hrs	<3 hrs	56% decrease
Average customers impacted per outage	~1,100	877	20% decrease
Customers protected	~380,000	~1.82M	374% expansion
Miles protected	45% of HFRA	100% of HFRA	122% increase

Data is approximate

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Internal

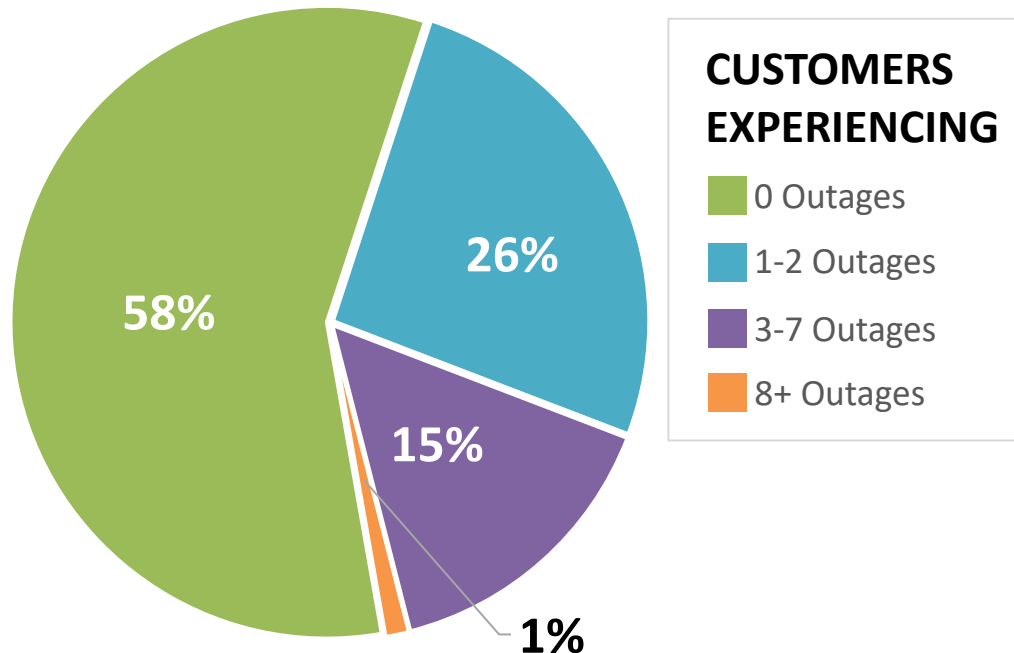
Minimizing Customer Impacts

2022 EPSS Performance

Through real-time and continuous improvements, we mitigated customer impacts without compromising the wildfire prevention benefits of EPSS.



1.82M Customers Protected



2023 EPSS Improvements

Continuing to improve reliability for all customers protected by EPSS and taking additional actions for the most impacted customers.

We are targeting mitigation efforts on the most impacted devices, these include:

- ✓ Proactive animal mitigation consisting of bird retrofitting and critter abatement
- ✓ Proactive expanded vegetation management work
- ✓ Comprehensive reliability work push on targeted circuit protection zones

We have also expanded access to customer resiliency programs.

Data as of 1/30/23

Some of the measures included in this presentation are contemplated as additional precautionary measures intended to further reduce the risk of wildfires.

Internal

Helping More Customers Access Support

Program	Total Inception-To-Date	Program Penetration in HFTD and EPSS Circuits	2023 Targets
Portable Battery Program (PBP)	18,627 batteries delivered	<ul style="list-style-type: none"> 41% of MBL customers in HFTD received portable batteries (14,341 customers out of ~35,000 MBL customers in HFTD based on 2020 - 2022 eligibility) 11.7% of MBL participants on EPSS circuits (12,265 MBL customers out of ~105,000 on EPSS circuits) 2023 targeting next tranche of customers based on new eligibility criteria (MBL or Self-Identified Vulnerable (SIV) 5+ EPSS in 2022 or 1+ PSPS event in 2021) 	4,700 batteries
Disability Disaster Access and Resources (DDAR)	<ul style="list-style-type: none"> 4,391 batteries delivered 7,806 assessments 898 hotels* 1,248 food vouchers* 86 gas cards* 32 transportation* 	<ul style="list-style-type: none"> 2,272 customers have received at least one portable battery (program eligibility criteria includes MBL customers, customers with disabilities and independent living needs living in HFTD or experienced 2+ PSPS since 2020) 	800 batteries
Self-Generation Incentive Program (SGIP) Interconnections	4,746 Equity Resiliency Budget (ERB) projects interconnected 16,234 other SGIP projects interconnected	<ul style="list-style-type: none"> 6,557 total SGIP interconnected customers in HFTD 12,138 total SGIP interconnected customers on EPSS circuits 	950 ERB 1,850 other SGIP
Fixed Power Solutions: Residential Storage Initiative	88 permanent battery storage installations	<ul style="list-style-type: none"> 88 customers, program eligibility focuses on CEMI-8+ 2022 EPSS MBL or income-qualified CARE customers 	650 permanent battery storage installations
Generator and Battery Rebate Program (GBRP)	4,684 rebates paid	<ul style="list-style-type: none"> 3,577 customers received rebates in HFTD 4,099 customers received rebates on EPSS circuits 	2,500 rebates
Backup Power Transfer Meter Program	2,477 transfer meters installed	<ul style="list-style-type: none"> 1,881 customers received a BPTM in HFTD 2,318 customers received a BPTM on EPSS circuits 	3,000 installations

*As of March 2023, YTD, **No PSPS events in 2023

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Internal