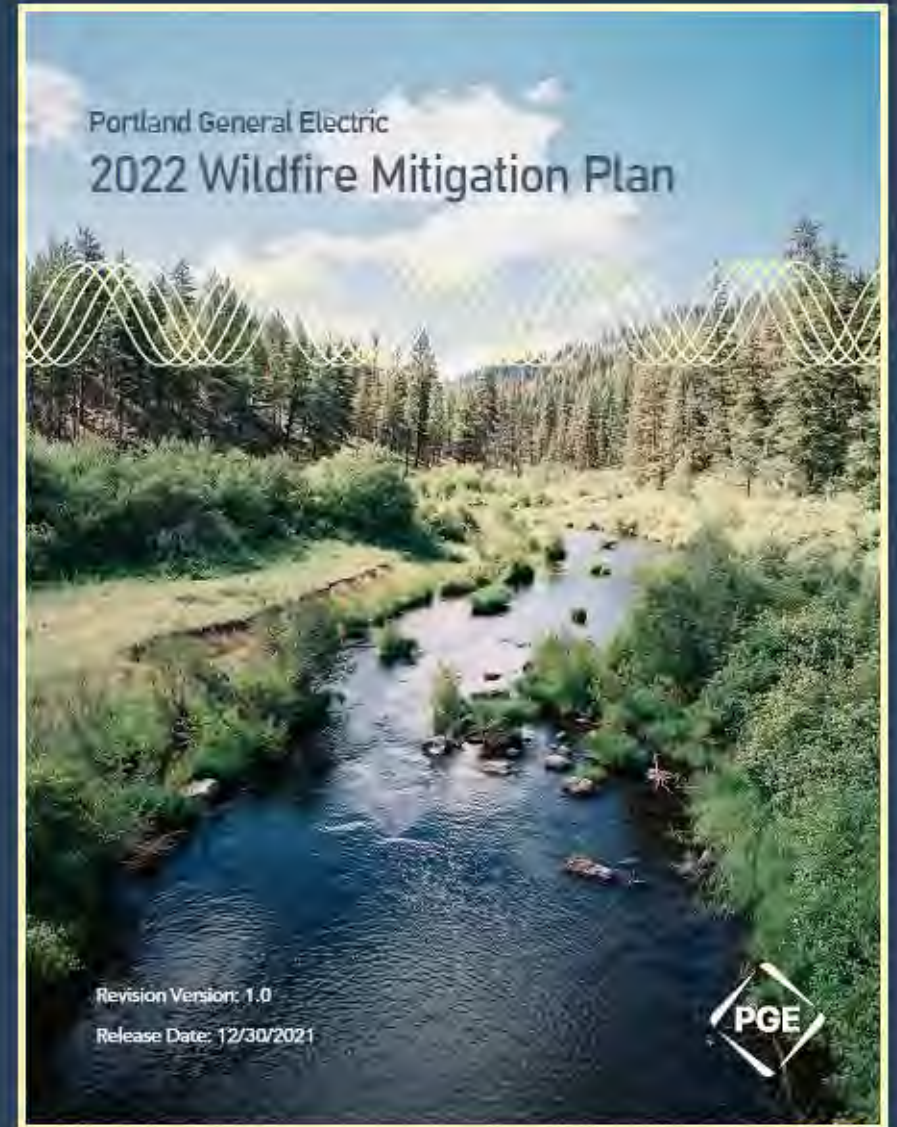


2022 Wildfire Mitigation Plan Development Process

PGE



Wildfire Mitigation & Resiliency Department



Vision: Reduce wildfire risks for customers and all PGE stakeholders.

Through: Risk Mitigation, Increased Resiliency, Compliance, Customer Experience

Pre-Season

- Enhanced Vegetation Management
- FITNES Inspections & Corrections for High-Risk Areas
- System Hardening (Capital Projects)
- Annual Wildfire Awareness Training
- Operational Modifications for Fire Season
- Pre-Season Stakeholder Engagement

Fire Season

- Situational Awareness
- CIMT Activation
- Stakeholder Engagement
- Customer Experience
- Community Resource Center
- Operations (De/Re-Energization)
- After Action Review
- GIS / IT

PSPS Incident Response Plan

Post-Season

- Post-Season Stakeholder Engagement
- After Season Review
- Evaluation of High-Risk Areas
- Modeling Improvements
- Capital Planning
- Continuous Improvement
- Updating WM&R Plans for the Following Year
- Restart Pre-Season Activities

Key Aspects of PGE's Wildfire Mitigation Journey

2018

- Provided Monthly Seasonal Outlooks from late Spring to Fall
- Initiated development of a Wildland Fire Guide

2019

- Initial fire risk assessment model and risk evaluation
- Evaluating PSPS in Tier III risk area
- Initiated Annual Inspections in risk areas

2020

- Enhanced fire risk model
- Modified approach to design and construction in high-risk areas

2021

- Updated risk assessment, which resulted in expanding High Risk Fire Zones from 1 to 7
- Expanded situational awareness

2022

- Updated risk assessment, which resulted in modifying existing High Risk Fire Zones and expanding from 7 to 10
- Expanding situational awareness capabilities
- Additional remote automated weather stations
- AI-enhanced cameras
- Engagement strategies (WMP, Public Safety Partners, Information and Awareness)

Major WMP Workstreams



Table of Contents

- Section 1: Introduction
- Section 2: Purpose and Scope
- Section 3: Planning Framework
- Section 4: Wildfire Risk Mitigation Assessment Program Objectives
- Section 5: Wildfire Risk Mitigation Program & Deliverables
- 5.1: Risk Management Overview
- 5.2: September 2022 Update: Risk Mitigation Assessment
- 5.3: High Risk Fire Zones (HRFZ)
- 5.4: Wildfire Risk Categories
- 5.5: Risk Assessment Data Quality & Assumptions
- 5.6: System Protection Review and Process Approval Summary
- 5.7: Potential Operational Impacts
- 5.8: Program Implementation & Stakeholder Role

Portland General Electric 2022 Wildfire Mitigation Plan

What happens during a PSPS event

FIGURE 3: PGE'S WILDFIRE RISK MITIGATION HIERARCHY

Safety to partners, customers and other stakeholders

High Risk Fire Zones 2022

Asset Type	Air Patrol (Safety)	Vehicle Patrol (Safety)			
230kV and 500 kV ^{**} Lattice/Steel	Semi-annually	Semi-annually			
230kV Wood ^{**}	Semi-annual	Semi-annual	Every 5 years	Annually	Every 10 years
115 kV ^{***}	Annually	Annually	Every 10 years	Annually	Every 10 years
57kV ^{***}	Annually	Annually	Every 10 years	Annually	Every 10 years

* Two safety patrols per year, can be a combination of vehicle or air patrols.
 ** Ground patrols are scheduled on a 3-year offset from FITNES patrols where possible.
 *** One safety patrol per year. Can be either a vehicle or air patrol depending on access and sight restrictions.
 **** Only for those portions of the line that are identified to be within an HRFZ.

Questions

