

WILDFIRE MITIGATION

IS YOUR SYSTEM VULNERABLE?

THE INCREASED FREQUENCY OF APEX FIRE WEATHER CONDITIONS COMBINED WITH AGING INFRASTRUCTURE, DECLINING FOREST HEALTH, AND INCREASED HUMAN DEVELOPMENT IN WILDLAND AREAS HAVE CREATED SIGNIFICANT CHALLENGES FOR UTILITIES OPERATING IN WILDFIRE-PRONE AREAS.

EDM's team of experts collaborates with utilities, independent operators, and government agencies/regulators to develop and implement cross-functional, programmatic solutions for wildfire prevention and protection, including:

WILDFIRE MITIGATION PROGRAM DEVELOPMENT & IMPLEMENTATION

- Fire-Safe Culture & Change Management
- Risk Assessment & Prioritization
- Hazardous Fire Area (HFA) Delineation
- GIS/FIS/Geospatial Analysis & Prioritization
- Wildfire Mitigation Plan (WMP) Development
- WMP Gap Analysis
- Strategic & Tactical Planning
- Remote Sensing (LiDAR, Imagery, etc.)
- Daily Situational Awareness/Fire Potential Index
- Public Safety Power Shutoff Plan (PSPS)
- Fire Incident Coordination & Response
- Ignition Management Program (IMP)
- Field Work Ignition Mitigations & Procedure for Escalating Wildfire Weather
- Asset Hardening (Lines, Subs, Telecoms)
- Grid Resiliency
- WMP KPIs & Continuous Improvement
- Internal/External Stakeholder Collaborations & Communication

EDM INTERNATIONAL, INC.

4001 Automation Way | Fort Collins, CO 80525

P: 970.204.4001 | rbrockbank@edmlink.com | www.edmlink.com



ENGINEERING & CONSTRUCTION

- Fire-Wise Siting
- Fire Hardened Design & Construction
- Ignition-Prone Equipment & Facilities Alternatives
- Pole Loading & Clearance Adequacy Assessments
- Underground Design

ENVIRONMENTAL & WEATHER

- Avian/Wildlife-Caused Ignition Risk Assessment, Prioritization & Mitigation
- Wildlife Retrofit Work Prioritization, Implementation & Auditing
- Wildlife-Friendly Facility Design
- Meteorological/Wind Studies
- Monitoring Station Vetting, Siting & Deployment

FIELD SERVICES & TRAINING

- Pre-Fire Inspections (Asset, Vegetation)
- Fire Retardant Applications/Fire Protection
- Wood Pole Restoration
- Post-Fire Damage Assessment & Construction Surveys
- Fire Behavior, Electric Safety & Ignition Suppression Training

ASSET MANAGEMENT

- End-of-Life (EOL) Assessment
- Ignition Risk Assessment
- Asset Inventory, Inspection & Condition Assessment
- Retrofit Work Prioritization, Implementation, and Auditing
- Asset Protection Analysis, Prioritization & Implementation
- Facility Retrofitting for Fire Hardening

UTILITY VEGETATION MGMT (UVM)

- Enhanced UVM Program Development
- Tree Risk Assessment & Mitigation
- Fuels Management & Reduction
- Pole Clearance Program & Compliance
- Vegetation-Caused Outage Analysis & Targeted UVM

NOT PREPARED? EDM CAN HELP!

Our Wildfire Mitigation team can help you develop a comprehensive, cost-effective program that can evaluate and mitigate your risk and reinforce a “fire safe” culture within your utility.

In partnership with



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