Introduction of National Standards and Best Practices

December 31, 2018
Utility Fire Ignition Statistics

Fire Incidents by Suspected Ignition Cause

- Contact by Third Party Facility
- Contact From Object
- Contamination
- Equipment/Facility Failure
- Other
- Unknown
- Vandalism/Theft
- Wire/Wire Contact

Suspected Ignition Cause

- 2014
- 2015
- 2016
Utility Fire Ignition Statistics – Object Contact

Percentage of Reported Fires Suspected to be Caused by Object Contact - Listed by Object Type (3 yr. Avg)

- Vehicle: 46.4%
- Vegetation: 19.8%
- Animal: 18.5%
- Balloons: 9.2%
- Other: 6.1%
Utility Fire Ignition Statistics – Equipment Failure

Percentage of Reported Fires Suspected to be Caused by Equipment Failure - Listed by Equipment Type (3 yr. Avg)
Policy Framework for Utility Wildfire Prevention

Fuel Management Policies
- Clearance Requirements
- Utility Vegetation Management
- Integrated Vegetation Management
- Cost Incentives
- Aerial Patrols
- LiDAR Surveying

Ignition Control Policies
- Infrastructure Hardening
- Protective Device Settings
- Fault detection and analytics
- Pole loading
- Maintenance and inspection requirements

Weather Preparedness Policies
- Climate change mitigation
- Weather analytics and monitoring
- Storm preparation and response
- Emergency response
- Preventative de-energization
Panel 2: National Standards and Best Practices

Facilitator
- Elizaveta Malashenko, Director, Safety and Enforcement Division, CPUC

Panelists
- David Geier, Senior Vice President of Electric Operations, SDG&E
- Stephen R. Cieslewicz, Utility Vegetation Management Expert, Independent
- Daniel Berlant, Assistant Deputy Director, Chief of Planning, Risk Analysis, Fire Engineering & Investigations, CAL FIRE
Focused Discussion: Proactive Utility Disconnection

Facilitator
- Elizaveta Malashenko, Director, Safety and Enforcement Division, CPUC

Panelists
- David Geier, Senior Vice President of Electric Operations, SDG&E
- Phil Herringon, Senior vice president of Transmission & Distribution, SCE
- Patrick Hogan Senior Vice President of Electric Operations, PG&E
- Daniel Berlant, Assistant Deputy Director, Chief of Planning, Risk Analysis, Fire Engineering & Investigations, CAL FIRE
Questions?

http://cpuc.ca.gov/safety/