

Public Safety Power Shutoff 2022 Pre-Season Public Briefing

August 2, 2022



Liberty Team



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Liberty Utilities

- ❑ ~49,000 customers
- ❑ ~1,400 miles of overhead lines
- ❑ ~300 miles of underground lines
- ❑ ~23,000 utility poles
- ❑ 12 substations
- ❑ Connected to Nevada Balancing Authority (not CAISO)
- ❑ 125 employees



Grid Hardening

- ❑ In 2022, Liberty plans the following system hardening:
 - ❑ Complete 9.5 miles of covered conductor projects, including associated pole replacements
 - ❑ Complete 231 G.O 165 Level 2 pole replacements
 - ❑ Systematically replace equipment that creates ignition risk, such as expulsion fuses and tree attachments
 - ❑ Improve substation infrastructure by installing substation animal guards and replacing oil circuit breakers
 - ❑ Explore and pilot new technologies to improve system resiliency
 - ❑ Microgrids, resiliency zones and temporary generation



PSPS Lessons Learned

- ❑ Liberty has not initiated an actual PSPS event
- ❑ Liberty updated its PSPS Playbook in advance of the 2022 PSPS season
- ❑ Continue to build partnerships throughout service territory and expand CBO network
- ❑ Liberty's initial PSPS risk analysis includes estimating the frequency or likelihood of PSPS events given historic weather data gridded on Liberty's overhead lines
- ❑ Evaluating the use of fast trips with fault indicators as a tool to lower ignition possibility, mitigate PSPS impacts, and restore service more quickly



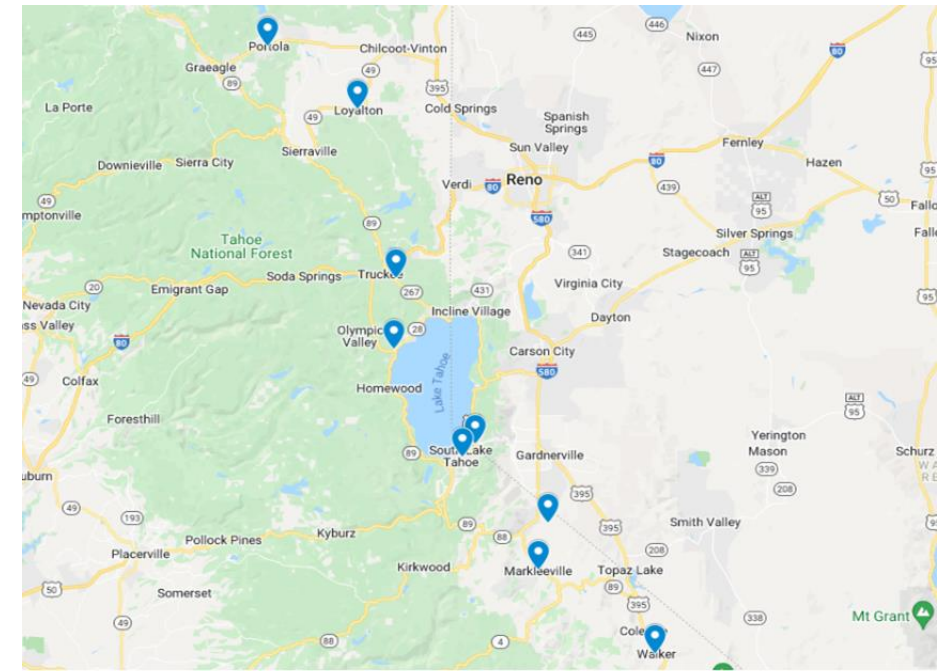
Fast Trip Settings

- ❑ Liberty is piloting the use of fast trip settings and has implemented fast trip settings three times in the last two years.
- ❑ Liberty is exploring the use of fast trip settings and increased deployment of overhead fault indicators on two circuits in 2022.
- ❑ Liberty will monitor fire conditions and deploy fast tripping as deemed appropriate by our Incident Command team.



2022 Pre-Season Report – CRC Plan

- ❑ Staffing & training
- ❑ Site tours
- ❑ Material additions
- ❑ Community Resource Center (CRC) site considerations
 - ❑ Indoor venues compliant with fire codes and ADA requirements
 - ❑ Back up generation
 - ❑ Travel distance less than 30 miles for all customers
 - ❑ Facility capacity and amenities



 The Veteran's Memorial Hall
449 W. Sierra Ave.
Portola, CA 96122

 Walker Community Center
442 Mule Deer Drive
Walker, CA 93517

 Loyaltown Senior Center
302 1st Street
Loyaltown, CA 96118

 The Turtle Rock Community Center
173 State Route 89/4
Markleeville, CA 96120

 Truckee Tahoe Airport
10356 Truckee Airport Road
Truckee, CA 96161

 Woodfords Community
96 Washoe Blvd
Markleeville, CA 96120

 Tahoe City Public Utility District
221 Fairway Drive
Tahoe City, CA 96145

 Hard Rock Hotel and Casino
50 US 50
Stateline NV 89449

 South Lake Tahoe Middle School
2940 Lake Tahoe Blvd.
South Lake Tahoe, CA 96150



2022 Pre-Season Report – Critical Facilities and Infrastructure Plan

- ❑ Coordination with Critical Infrastructure
 - ❑ Public Safety Partner Support
 - ❑ Mapping all Critical Infrastructure in the Liberty service area
 - ❑ Updating the Liberty Utilities Public Safety Partner Portal
- ❑ Coordination with Local/Tribal/County Emergency Response



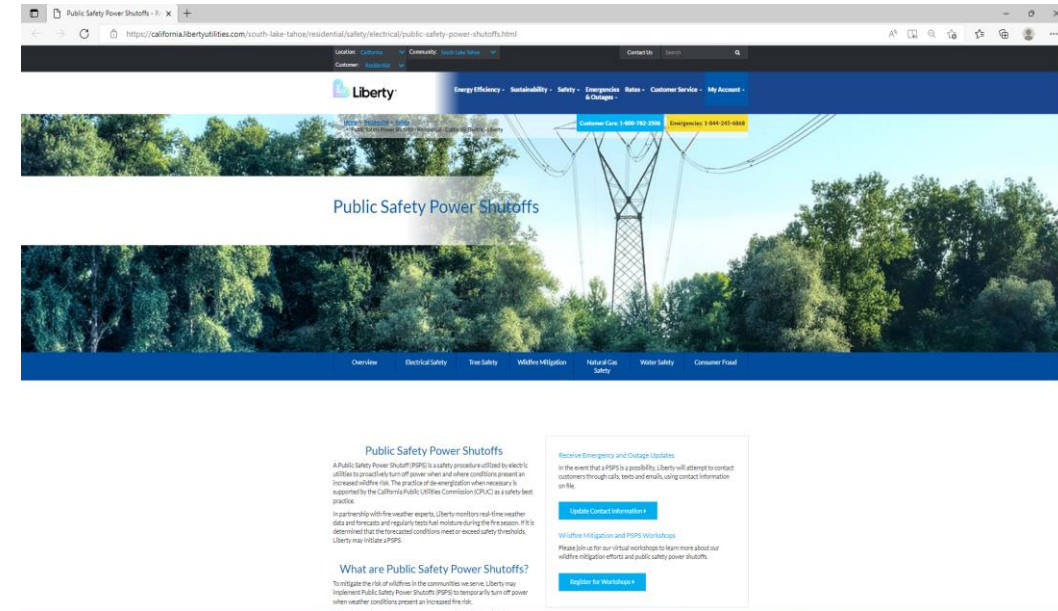
2022 Pre-Season Report – PSPS Exercise Reports

- ❑ Training on Incident Command and Conducting PSPS Exercises:
 - ❑ ICS Training and PSPS Table Top Exercise—June 15, 2022
 - ❑ PSPS Full Scale Exercise with Public Safety Partners—June 23, 2022
- ❑ After Action Reports and Improvement Plans Completed
 - ❑ Submitted with Pre-Season Report—July 1, 2022
 - ❑ Lessons learned include:
 - ❑ Two additional CRC locations
 - ❑ Detailed staffing plan for CRCs
 - ❑ Comprehensive training plan for CRCs
 - ❑ Mapping of Critical Infrastructure and establishing a PSP portal
 - ❑ Review of Incident Management Team staffing during a PSPS event
 - ❑ Update of the Liberty PSPS Playbook



2022 Pre-Season Report – Education and Outreach

- ❑ Outreach
- ❑ PSPS briefings
- ❑ PSPS Website/Resource Page
 - ❑ Helpful videos and tips
 - ❑ PSPS fact sheets, preparedness, available programs
 - ❑ 211 resources
 - ❑ AFN self-identification tool
 - ❑ CRC resources
- ❑ During Potential PSPS Event (Microsite)
 - ❑ Customers directed only to PSPS information
 - ❑ Available in English and Spanish
 - ❑ Designed to handle web traffic



2022 Pre-Season Report – Notification Plan

- ❑ Updated PSPS Playbook
- ❑ Multi-channel approach
- ❑ PSPS portal
- ❑ Liaisons for multiple customer categories



AFN and MBL Customers

- ❑ CBO network expansion
- ❑ Collaborative outreach
- ❑ AFN data
- ❑ Proposed Behind-the-Meter Battery Storage Program



Customer Resources

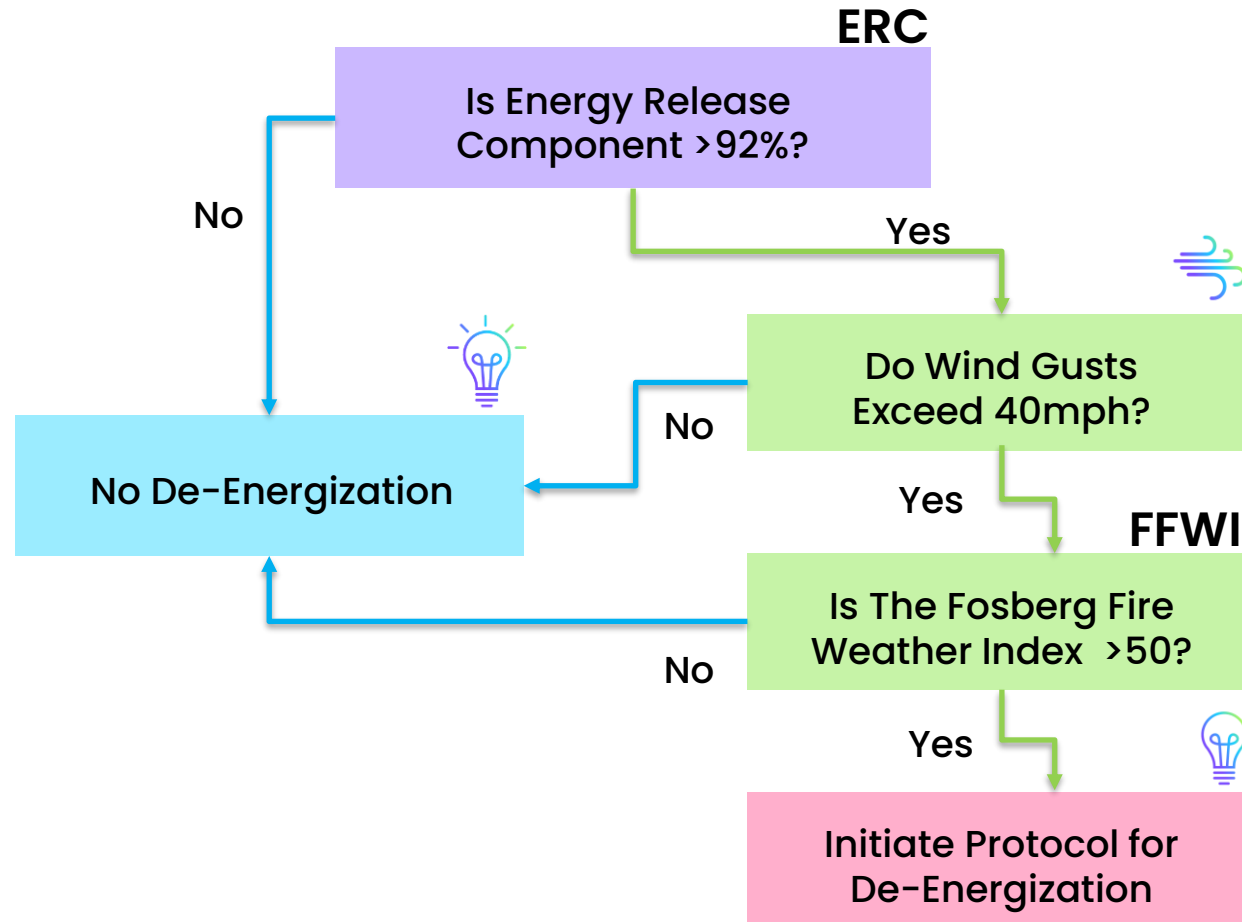
- ❑ Community Based Organizations
- ❑ 211
- ❑ Meals on Wheels Support
- ❑ Community Resource Centers
- ❑ Liberty Website



Appendix



PSPS Decision-Making Framework



PSPS Decision-Making Framework

