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
- 15 substations
- Connected to Nevada Balancing Authority (not CAISO)
- 125 employees
Looking Back at 2021

- Potential PSPS event in September 2021
- Liberty’s coordination with Community Based Organizations (CBOs), the Statewide AFN Council, and other partners provided valuable input to PSPS procedures, including Liberty’s 2022 AFN Plan
- Identified areas for resource needs
- Grid hardening improvements
Notifications/Communications

- Updating PSPS Playbook
- Potential PSPS Event in September 2021
  - Liberty notified impacted customers, including Medical Baseline populations, during the potential event
  - Liberty held two workshops to communicate about the potential event
- Outreach
AFN and MBL Customers

• In coordination with the AFN Statewide Council and other stakeholders, Liberty developed its 2022 AFN Plan

• Partnered with CBOs to assist and support outreach efforts

• New positions to support AFN customers

• Proposed Behind-the-Meter Battery Storage Program
Community Resource Centers

- Liberty successfully activated 3 CRC locations during its potential PSPS event in September
- Coordinated MOUs for CRCs in multiple locations with backup power
Looking Forward in 2022

- Update PSPS Playbook
- Continue collaboration with CBOs
- Support AFN communities
  - Continue to build and expand networks and engage resources (e.g., 211)
  - Increase ability to track and record data
  - AFN-specific survey
- PSPS training and planned exercises
- Improved PSPS website
- Continue grid hardening
PSPS Decision-Making Framework

- **ERC**
  - Is Energy Release Component > 92%?
    - Yes: Do Wind Gusts Exceed 40mph?
      - Yes: Is The Fosberg Fire Weather Index > 50?
        - Yes: Initiate Protocol for De-Energization
      - No: No De-Energization
    - No: No De-Energization

- **FFWI**
  - Do Wind Gusts Exceed 40mph?
    - Yes: Is The Fosberg Fire Weather Index > 50?
      - Yes: Initiate Protocol for De-Energization
      - No: No De-Energization
    - No: No De-Energization
PSPS Decision-Making Framework

- **Do Wind Gusts Exceed 40mph?**
  - **No** → **No De-Energization**
  - **Yes** → **Is Burning Index >75?**
    - **No** → **No De-Energization**
    - **Yes** → **Initiate Protocol for De-Energization**