

Pacific Power

Planning for and Response to Natural Disasters

May 19, 2021



Allen Berreth – Vice President, T&D Operations

Organizational Structure

- Emergency Management
- Meteorology Department
- Available Resources
- Continuous Learning



Post-February Storm Evaluation and Learning

- Continued focus on Vegetation Management
- Overlapping benefits of Wildfire Mitigation Asset Hardening programs like covered conductor
- Transmission investments
- Distribution automation projects that provide alternate sources when the primary source is not available
- System design standards evaluation (pole loading, span lengths, etc.)



Resiliency Initiatives

Wildfire Mitigation

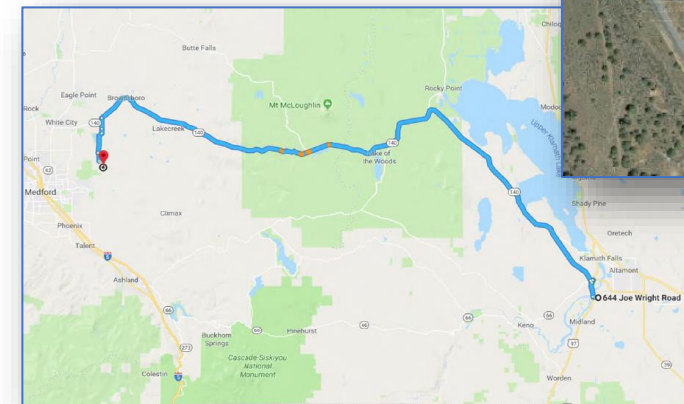
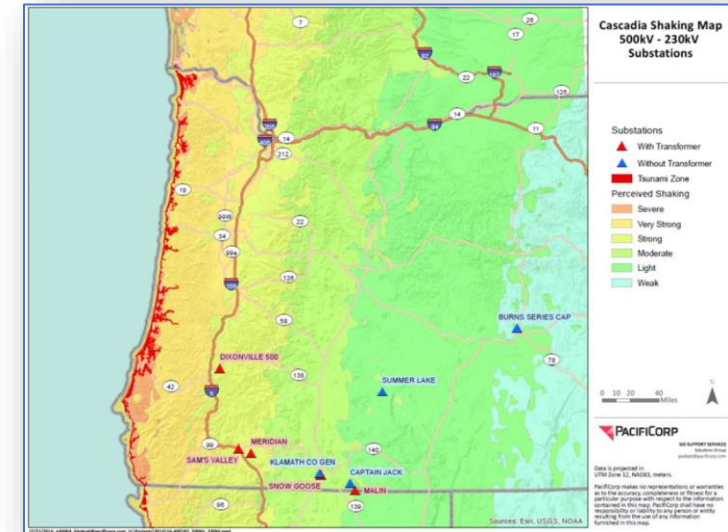
- Situation Awareness: weather station network
- Continuing risk modeling across service territory
- System hardening: Line rebuilds to covered conductor in priority areas

Main Grid Resilience

- Analysis of major substation equipment and strategic spare availability

Major Event Analysis

- Example: Cascadia Subduction Zone Earthquake response
- Transfer of system control to alternate site



Thank you