System Resilience

Portland General Electric

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Completed

Facilities - Employees

Readiness Center: Clackamas Dam seismic upgrades Portland Service Center rebuild Shute Substation - seismic Avery Regional Service Center Rose City underground shop Shelter In-place Corporate Safety Manual Cascadia/disaster training







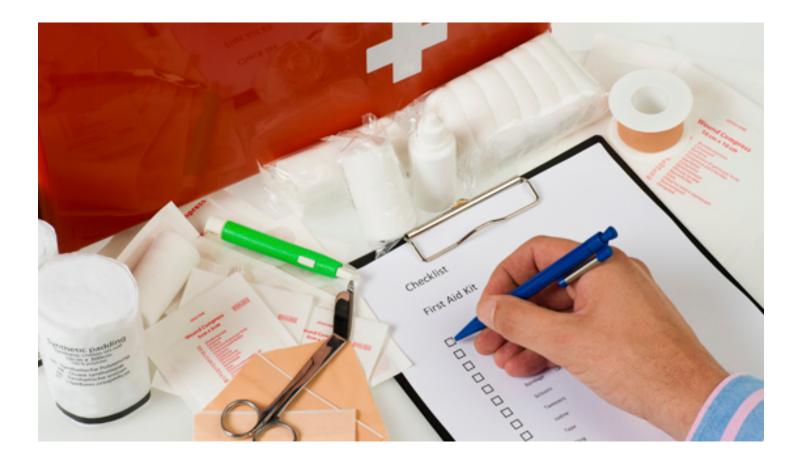
Current

Grid – Plants - Customers

Marquam Substation Underground Feeders Blackstart at Port Westward Distribution Substations – Seismic – 5yr T&D Seismic Study Replace insulators on N-S Intertie Faraday – Rebuild power house Electric Fleet – Power Tools Educate customers – Outage kit Customer communication







Planned

Facilities - Plants

Plan for Integrated Operations Center Distribution Automation Program Hydro & Wind Farm Upgrades EIM



Questions

PGE Resiliency

Transmission/Distribution

Plants

Employees

Customers

