

System Resilience

Portland General Electric

Chris Dieterle, Analyst

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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

