Online Resources: Local Energy Resilience Planning

**Business Continuity Plan Resources**
- Continuity Guidance Circular (FEMA)
- Continuity Resource Toolkit (FEMA)
- Every Business Should Have a Plan (FEMA)
- Developing and Maintaining Emergency Operations Plans (FEMA)
- Build-a-Kit (Go Bag) (U.S. Department of Homeland Security)
- IEEE 693-2018: Recommended Practice for Seismic Design of Substations (IEEE)

**Mutual Aid Resources**
- Western Regional Mutual Assistance Group (WRMAG)
- American Public Power Association – Mutual Aid Program (American Public Power Association)
- IS-706: NIMS Intrastate Mutual Aid – An Introduction (FEMA)

**Natural Hazard Mitigation Planning Resources**
- Natural Hazards Mitigation Planning (Oregon Dept. of Land Conservation and Development)
- Local Mitigation Planning Handbook (FEMA)
- Example: Hazard Mitigation Plan Annex to Land County HMP (Emerald PUD)

**Other State Resources**
- Comprehensive Emergency Management Plan (Oregon Office of Emergency Management)
- Cascadia Playbook v.3 (Oregon Office of Emergency Management)
- Local and Tribal Emergency Managers List (Oregon Office of Emergency Management)
- Oregon Resilience Plan (Oregon Seismic Safety Policy Advisory Commission)
- Oregon Fuel Action Plan (Oregon Department of Energy)
- Oregon HazVu: Statewide Geohazards Viewer
- Advanced Oregon Wildfire Risk Explorer

**Other Federal Resources**
- Electric Power System Resiliency: Challenges and Opportunities (EPRI)
- Utility Investments in Resilience of Electricity Systems (Lawrence Berkeley National Lab)
- Clear Path IV: Energy-Focused Disaster Response Exercise (U.S. Dept. of Energy)
- FEMA Region X Power Grid Risk Profile (FEMA)
Severe Contingency Solver for Electric Power Transmission Systems (Los Alamos National Lab)

Emergency Power Resources for Critical Facilities
Emergency Power Systems for Critical Facilities (FEMA)
Emergency Power Facility Assessment Tool (U.S. Army Corps of Engineers)

FEMA’s Ready Business Toolkits
Business Emergency Preparedness Social Media Toolkit (FEMA)
Earthquake “QuakeSmart” Toolkit (FEMA)
Inland Flooding Toolkit (FEMA)
Power Outage Toolkit (FEMA)
Severe Wind/Tornado Toolkit (FEMA)

Microgrid and DER Resources

National Laboratory Microgrid Planning Tools
GridLAB-D (Pacific Northwest National Laboratory)
Re-Opt: Renewable Energy Integration & Optimization Tool (NREL)
Microgrid Design Toolkit (Sandia National Laboratory)
Additional Microgrid Resources (Grid Modernization Laboratory Consortium)

IEEE Standards
IEEE 1547-2018 Standard for Interconnection and Interoperability of DERs (IEEE)

Other
The Value of Resilience for DERs: An Overview of Current Analytical Practices (NARUC)
Stochastic Optimization of Microgrids with Renewable and Storage Energy Systems (IEEE)

Cybersecurity Resources

Cybersecurity Tools and Information Sharing
National Cyber Alert System (U.S. Department of Homeland Security)
Electricity-Information Sharing and Analysis Center (NERC)
Cybersecurity Capability Maturity Model (U.S. Department of Energy)
Cybersecurity Standards and Guidelines
- Critical Infrastructure Protection Standards (NERC)
- Guidelines for Smart Grid Cybersecurity (National Institute of Standards and Technology)

Federal Funding Resources

U.S. Department of Energy
Funding & Financing

Federal Emergency Management Administration
Disaster Recovery Reform Act of 2018 (DRRA)

Pre-Disaster
- Pre-Disaster Mitigation (PDM)
- Flood Mitigation Assistance (FMA)
- Regional Catastrophic Preparedness Grant Program (RCPGP)
- National Earthquake Hazard Reduction Program (NEHRP)
- National Tsunami Hazard Mitigation Program (NTHMP)
- NIMS and ICS All-Hazard Training Program

Post-Disaster
- Hazard Mitigation Grant Program (HMGP)
- Public Assistance Grant Program (PAGP)
- Fire Management Assistance Grant Program (FMAGP)

Other Federal Agencies
- Coastal Resilience Grants Program (National Oceanic and Atmospheric Administration)
- Planning Program and Local Technical Assistance Program (Department of Commerce)
- Investments for Public Works and Economic Development Facilities (Department of Commerce)
- Economic Adjustment Assistance Program (Department of Commerce)
- Electric Infrastructure Loan & Loan Guarantee Program (USDA)
- Energy Efficiency and Conservation Loan Program (USDA)
- Energy Resource Conservation (USDA)
- Distributed Generation Energy Project Financing (USDA)