

Central Lincoln People's Utility District Addendum to the Lincoln County Multi-Jurisdictional NHMP



Photos courtesy of Central Lincoln PUD

Effective:

December 17, 2025 through December 16, 2030



Prepared for
Central Lincoln People's Utility District
2129 North Coast Highway
Newport, OR 97365

Prepared by
The University of Oregon
Institute for Policy Research & Engagement
School of Planning, Public Policy, and Management

This Natural Hazard Mitigation Plan was prepared by:



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OREGON

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FEMA

December 17, 2025

Stephen Richardson
State Hazard Mitigation Officer
Oregon Department of Emergency Management
3930 Fairview Industrial Dr SE
Salem, OR 97302

Reference: Approval of the Lincoln County Multi-Jurisdictional Natural Hazard Mitigation Plan

Dear Officer Richardson:

In accordance with applicable¹ laws, regulations and policy, the Risk Analysis Branch of FEMA Region 10 Mitigation Division has approved the local mitigation plan for the following jurisdictions:

Lincoln County	City of Depoe Bay	City of Newport
City of Toledo	Beverly Beach Water District	Central Lincoln People's Utility District
Central Oregon Coast FRD	Depoe Bay Fire District	Gleneden Sanitary District
Kernville-Gleneden Beach-Lincoln Beach Water District	North Lincoln Fire and Rescue District	Otter Rock Water District
Panther Creek Water District	Salishan Sanitary District	Seal Rock Water District
Siletz Valley Fire District	SW Lincoln County Water People's Utility District	

Mitigation plans may include additional content to meet Element H: Additional State Requirements or content the local government included beyond applicable FEMA mitigation planning requirements. FEMA approval does not include the review or approval of content that exceeds these applicable FEMA mitigation planning requirements.

The approval period for this plan is from December 17, 2025 through December 16, 2030.

¹ Robert T. Stafford Disaster Relief and Emergency Assistance Act, as amended; the National Flood Insurance Act of 1968, as amended; and National Dam Safety Program Act, as amended; 44 CFR Part 201, Mitigation Planning; and Local Mitigation Planning Policy Guide (FP-206-21-0002).

The jurisdictions' plan approval ensures the eligibility for project grants under FEMA's Hazard Mitigation Assistance programs. All requests for funding are evaluated individually according to eligibility and other program requirements. Having an approved mitigation plan does not mean that mitigation grant funding will be awarded. Specific application and eligibility requirements can be found in each FEMA grant program's respective policies and annual Notice of Funding Opportunities, as applicable.

FEMA's approval is for a period of five years, effective the date FEMA received the adoption documentation. For this plan, documentation was received on December 17, 2025 and is considered approved as of then. Prior to December 16, 2030, each jurisdiction must review, revise, and submit their plan to FEMA for approval to maintain eligibility for grant funding. The enclosed plan review tool provides opportunities to incorporate into future updates.

Sincerely,

Wendy Shaw, P.E.
Risk Analysis Branch Chief
Mitigation Division

JG: MB

Attachment: Local Mitigation Plan Review Tool

RESOLUTION 1025

A RESOLUTION ADOPTING CENTRAL LINCOLN PUD'S REPRESENTATION IN THE UPDATES TO THE LINCOLN COUNTY MULTI-JURISDICCIONAL NATURAL HAZARDS MITIGATION PLAN

WHEREAS, Central Lincoln People's Utility District (Central Lincoln) recognizes the threat that natural hazards pose to people, property and infrastructure within our community; and

WHEREAS, undertaking hazard mitigation actions will reduce the potential for harm to people, property and infrastructure from future hazard occurrences; and

WHEREAS, an adopted Natural Hazards Mitigation Plan (NHMP) is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs; and

WHEREAS, Central Lincoln has fully participated in the FEMA prescribed mitigation planning process to prepare the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan, which has established a comprehensive, coordinated planning process to eliminate or minimize these vulnerabilities; and

WHEREAS, Central Lincoln has identified natural hazard risks and prioritized a number of proposed actions and programs needed to mitigate the vulnerabilities of Central Lincoln to the impacts of future disasters within the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan; and

WHEREAS, these proposed projects and programs have been incorporated into the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan that has been prepared and promulgated for consideration and implementation by the participating cities and special districts of Lincoln County; and

WHEREAS, the Oregon Department of Emergency Management and Federal Emergency Management Agency, Region X officials have reviewed the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan with the Central Lincoln addendum, and pre-approved it contingent upon this official adoption of the participating governments and entities;

WHEREAS, the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan is in an on-going cycle of development and revision to improve its effectiveness; and

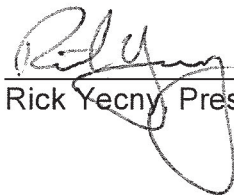
WHEREAS, the Central Lincoln Board of Directors adopts the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan and directs the General Manager to develop, approve, and implement the mitigation strategies and any administrative changes to the plan.

NOW THEREFORE, BE IT RESOLVED, that Central Lincoln Board of Directors adopts the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan as an official plan; and

BE IT FURTHER RESOLVED, that Central Lincoln will submit this adoption Resolution to the Oregon Department of Emergency Management and Federal Emergency Management Agency, Region X officials to enable final approval of the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan.


ADOPTED this 19th day of November 2025.

Attest:



Rick Yecny, President

Attest:



Paul Davies, Secretary

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Introduction

Purpose and Adoption

This is the Central Lincoln People’s Utility District (CLPUD) addendum to the Lincoln County Multi-Jurisdictional Natural Hazards Mitigation Plan (NHMP). This addendum is not intended to be a standalone document, rather information contained herein supplements information contained in Volume I (Basic Plan) which serves as the NHMP foundation and Volume II (Appendices), which provides additional information. This addendum meets the following requirements:

- Multi-jurisdictional **Plan Requirements: Participation** §201.6(a)(4),
- Multi-Jurisdictional **Plan Content: Risk Assessment** §201.6(c)(2)(iii),
- Multi-jurisdictional **Plan Content: Mitigation Strategy** §201.6(c)(3)(iv), and
- Multi-jurisdictional **Plan Content: Documentation** §201.6(c)(5).

Process, Participation, and Adoption

This section of the NHMP addendum addresses 44 CFR 201.6(a)(3), *Participation and* 44 CFR 201.6(c)(5), *Plan Adoption*.

Central Lincoln PUD adopted their addendum to the Lincoln County Multi-jurisdictional NHMP on November 19, 2025. FEMA Region X approved the Lincoln County NHMP and CLPUD’s addendum on December 17, 2025. With approval of this NHMP CLPUD is now eligible to apply for the Robert T. Stafford Disaster Relief and Emergency Assistance Act’s hazard mitigation project grants through December 16, 2030.

In addition to establishing a comprehensive community-level mitigation strategy, the Disaster Mitigation Act of 2000 (DMA2K), and the regulations contained in 44 CFR 201, require that jurisdictions maintain an approved NHMP to receive federal funds for mitigation projects. Local adoption, and federal approval of this NHMP ensures that the CLPUD will remain eligible for hazard mitigation assistance project grants.

The Oregon Partnership for Disaster Resilience (OPDR) at the University of Oregon’s Institute for Policy Research and Engagement (IPRE) collaborated with the Oregon Department of Emergency Management (OEM), Lincoln County, and CLPUD to develop this addendum. Members of CLPUD participated in the County NHMP update process (Attachment B and Volume II, Appendix B).

Convener and Committee

CLPUD’s Senior Project Manager serves as the NHMP addendum convener. The convener of the NHMP addendum will take the lead in implementing, maintaining, and updating the addendum in collaboration with the designated convener of the Lincoln County NHMP (Lincoln County Emergency Manager).

Representatives from CLPUD met formally, and informally, to discuss the development of their addendum (Attachment B). They reviewed and developed CLPUD’s addendum, with a focus on their risk assessment and mitigation strategy (action items).

This addendum reflects decisions made at the designated meetings, and during subsequent work, and communication with OPDR. Other documented changes include the development of CLPUD’s risk assessment and mitigation strategy (action items).

The CLPUD steering committee was comprised of the following representatives:

- Convener, Gail Malcom, Senior Project Manager
- Ty Hillebrand, General Manager
- Shamus Gamache, Director of Engineering
- Matt Hauger, Director of Operations
- Eric Chambers, Director of Employee, Customer and Community Services
- Brandon Hignite, Director of Shared Services

Implementation and Maintenance

The CLPUD Board of Directors will be responsible for adopting the addendum to the Lincoln County NHMP. This addendum designates the steering committee, and a convener to oversee the development, and implementation of action items. Because CLPUD is part of the County’s multi-jurisdictional NHMP, CLPUD will look for opportunities to partner with the County. CLPUD’s steering committee will convene after adoption of the addendum on an annual schedule. The County is meeting on a quarterly basis and will provide opportunities for participating jurisdictions (cities and special districts) to report on NHMP implementation, and maintenance during their meetings. The steering committee, assembled by the convener, will be responsible for:

- Reviewing existing action items to determine suitability of funding;
- Reviewing existing, and new risk assessment data to identify issues that may not have been identified at NHMP creation;
- Educating, and training new steering committee members on the NHMP, and mitigation actions in general;
- Assisting in the development of funding proposals for priority action items;
- Discussing methods for continued public involvement;
- Evaluating effectiveness of the NHMP at achieving its purpose and goals (use Table 4-1, Volume I, Section 4, as one tool to help measure effectiveness); and
- Documenting successes, and lessons learned.

The convener will also remain active in the County’s implementation and maintenance process (Volume I, Section 4).

The Steering Committee will be responsible for activities outlined in Volume I, Section 4.

CLPUD will utilize the same action item prioritization process as the County (Volume I, Section 4 and Volume II, Appendix D).

Implementation through Existing Programs

Many of the NHMP's recommendations are consistent with the goals and objectives of CLPUD's existing plans and policies. Where possible, CLPUD will implement the NHMP's recommended actions through existing plans and policies. Plans and policies already in existence have support from residents, businesses, and policy makers. Many land-use, comprehensive, and strategic plans get updated regularly, allowing them to adapt to changing conditions and needs. Implementing the NHMP's action items through such plans and policies increases their likelihood of being supported and implemented.

This NHMP is strategic and non-regulatory in nature, meaning that it does not necessarily set forth any new policy. It does, however, provide: (1) a foundation for coordination and collaboration among agencies, residents, and CLPUD; (2) identification and prioritization of future mitigation activities; and (3) aid in meeting federal planning requirements and qualifying for assistance programs. CLPUD currently has the following plan that relates to natural hazard mitigation. For a complete list visit CLPUD's [website](#).

The [Central Lincoln People's Utility District \(CLPUD\) Case Study](#) highlights the utility's proactive approach to disaster preparedness, particularly in response to the Cascadia Subduction Zone threat. CLPUD prioritized employee readiness by distributing emergency kits and integrating preparedness training into annual events. The utility also assessed and planned for the relocation of critical facilities outside tsunami zones. These efforts reflect a broader commitment to resilience and continuity of operations in the face of natural disasters

Central Lincoln PUD Capital Improvement Plan: The purpose of this document is to outline the planned improvements to infrastructure and equipment for a period of 3-5 years. It is a primary method of accomplishing their mission of providing reliable electric power to their customers.

Relation to Natural Hazard Mitigation: This plan is used to allocate funds to implement mitigation measures such as tree trimming and underground conversions, as well as, strengthening our overall infrastructure by adding redundancy to transmission lines, fiber routes and communication systems.

Vulnerability and Risk Assessment (VRA): The vulnerability and risk assessment provides information on the Utility District's transmission, substation, and telecommunication systems. Completed in 2016, and updated in 2018 to include the utility's distribution system and IT network, the VRA guides project planning and prioritizing.

Relation to Natural Hazard Mitigation: This VRA is used to identify vulnerable infrastructure and to provide justification for mitigation efforts and the allocation of funds through the Utility District's Capital Improvement Plan.

Wildfire Mitigation Plan: The Wildfire Mitigation Plan describes CLPUD’s wildfire risk assessment process, mitigation strategies and response protocols used to minimize the probability ignition from the utility’s power lines and/or electrical equipment. Initially adopted by the CLPUD Board of Directors in 2020, the WMP is updated annually and brought to the Board for review and adoption.

Capability Assessment

The Capability Assessment identifies and describes the ability of the CLPUD to implement the mitigation strategy and associated action items. This is a key component of the 2024 Natural Hazard Mitigation Plan (NHMP) update. Capabilities can be evaluated through an examination of broad categories, including existing authorities, policies, programs, funding, and resources.

Policies and Programs

The NHMP provides direction for the CLPUD to explore integration into other planning documents and processes.

The CLPUD resilience case study includes information on its transmission, substation, and communication systems. Information regarding the utility’s preparedness and facilities plan is also highlighted.

CLPUD’s wildfire mitigation plan describes the wildfire risk assessment process, mitigation strategies, and response protocols used to minimize the probability of wildfire ignition from its power lines and/or electrical equipment.

This addendum can supplement any additional CLPUD plans to give the utility a deeper understanding of how to mitigate against natural disasters.

Personnel and Governance

CLPUD policy authority in an elected five-member Board of Directors and places administrative authority for day-to-day operations in professional staff. The special district is a municipal corporation authorized by Section 12, Article XI of the Constitution of the State of Oregon and is organized under Chapter 261, Oregon Revised Statutes.

The following CLPUD positions have assignments that correspond to natural hazard mitigation.

- General Manager
- Senior Project Manager
- Director of Employee, Customer and Community Services
- Director of Engineering
- Director of Operations

Mitigation Successes

This is a list of funding that CLPUD has sought out or received, as well as recently completed projects to improve mitigation.

- In 2017, FEMA reimbursed CLPUD for 75% of the costs associated with relocating an underground distribution line that had been impacted by a landslide in December 2015.
- In 2017, new operations facility was relocated and constructed outside the tsunami zone.
- A more seismically stable headquarters building will be constructed starting Summer 2025 with an anticipated timeframe of 18-24 months.
- Supervisory Control and Data Acquisition (SCADA) technology has been installed at all substations and operations facilities allowing for remote control during winter storms, as well as during times of elevated fire risk.

Mitigation Strategy

This section of the NHMP addendum addresses 44 CFR 201.6(c)(3)(iv), *Mitigation Strategy*.

CLPUD adopts the mission and hazard mitigation goals described in Volume I.

To develop CLPUD's mitigation strategy (action items), the Steering Committee assessed utility's risk and identified potential issues to be addressed. The Steering Committee also noted what mitigation accomplishments have been made in recent years.

Priority Action Items

Table PUD-1 presents a list of mitigation actions. The highest priority actions are shown with orange highlight. CLPUD will focus its attention, and resource availability, upon these achievable, high leverage, activities over the next five years. Although this methodology provides a guide for the steering committee in terms of implementation, the steering committee has the option to implement any of the action items at any time. This option to consider all action items for implementation allows the committee to consider mitigation strategies as new opportunities arise, such as capitalizing on funding sources that could pertain to an action item that is not currently listed as the highest priority.

Table PUD-1 Action Items

Mitigation Strategies		Impacted Hazard										Implementation and Maintenance					
Action Item #	Statement	Air Quality	Coastal Erosion	Drought	Earthquake	Extreme Heat	Flood	Landslide	Tsunami	Volcanic Event	Wildfire	Windstorm*	Winter Storm	Potential Funding Resources	Lead	Timeline	Cost
1	Construct a replacement headquarters building to ensure continuity of operations after a windstorm, winter storm, and/or Cascadia event				X							X	X	Capital Improvement Plan budget	Admin, Finance and Facilities	S	H
2	Perform ongoing maintenance and replacement of infrastructure based on data and customer affordability		X				X				X	X	X	Capital Improvement Plan budget	Engineering and Operations	S	M
3	Refine vegetation management processes to mitigate for wildfire ignition from CLPUD equipment or trees in the right-of-ways.										X			Capital Improvement Plan budget, Hazard Mitigation Assistance (HMA) Community Wildfire Defense Grant (CWDG)	Operations	S	H
4	Update communication network and metering equipment to ensure service to critical infrastructure		X				X					X	X	Capital Improvement Plan budget	Engineering and Operations	S	H
5	Develop a strategy to replace substation transformers after a natural disaster event				X		X	X	X					Capital Improvement Plan budget	Engineering	S	H
6	Complete the relocation of substation and transmission lines to higher ground outside the flood zone						X	X	X					Capital Improvement Plan budget, HMA	Engineering	S	M
7	Convert overhead lines to underground in areas that are vulnerable to severe weather events or fire risk										X	X	X	Capital Improvement Plan budget	Engineering and Operations	S	M

Source: CLPUD steering committee, 2025.
 Cost: L (less than \$50,000), M (\$50,000-\$499,999), H (\$500,000-\$5 million), VH (more than \$5 million).
 Potential Funding Sources: HMA-FEMA's Hazard Mitigation Assistance disaster and non-disaster grant programs
 Timing: Short (1-4 years), Medium (4-10 years), Long (10 or more years)
 Priority Actions: Identified with orange highlight
 * - the windstorm hazard includes tornadoes (water spouts)
 Dark Grey highlight indicates that the hazard does not impact the jurisdiction.

Risk Assessment

This section of the NHMP addendum addresses 44 CFR 201.6(b)(2) - *Risk Assessment*. In addition, this chapter can serve as the factual basis for addressing Oregon Statewide Planning Goal 7 – Areas Subject to Natural Hazards. Assessing natural hazard risk has three phases:

Phase 1: Identify hazards that can impact the jurisdiction. This includes an evaluation of potential hazard impacts – type, location, extent, etc.

Phase 2: Identify important community assets and system vulnerabilities. Example vulnerabilities include people, businesses, homes, roads, historic places and drinking water sources.

Phase 3: Evaluate the extent to which the identified hazards overlap with, or have an impact on, the important assets identified by the community.

The local level rationale for the identified mitigation strategies (action items) is presented herein, and within Volume I, Section 2, and Volume II, Appendix C.

Hazard Analysis

The NHMP steering committee updated CLPUD’s previous hazard analysis, to reflect current conditions. Where appropriate, changes were made to distinguish the utility’s risks from those in the County’s hazard analysis, as detailed throughout this addendum.

Table PUD-2 shows the hazard analysis matrix listing each hazard in rank from high to low. For local governments, conducting hazard analysis is a useful step in planning for hazard mitigation, response, and recovery. The method provides the jurisdiction with a sense of hazard priorities but does not predict the occurrence of a particular hazard. See Volume I, Section 2 for methodology details.

Windstorm, winter storm, landslide, Cascadia Subduction Zone earthquake, wildfire, local tsunami, and riverine flood are the **high hazard threats** to CLPUD. Coastal flood and coastal erosion are the **low hazard threats**.

CLPUD’s primary responsibilities focus on the transmission and distribution of electrical power. While public safety is a key consideration in its operations, the utility does not serve as the lead agency for emergency response or public safety during hazard events.

Instead, CLPUD works in close coordination with county and city agencies that have broader mandates for managing community-wide impacts. The utility provides technical expertise and operational support related to electrical infrastructure, while local jurisdictions lead efforts in emergency response, public safety, and disaster recovery.

Given this operational scope, the utility is not directly impacted by the following hazards and does not maintain infrastructure or responsibilities that warrant profiling them in its hazard analysis: air quality/smoke, crustal earthquake, drought, extreme heat, distant tsunami,

tornado, and volcanic event. These hazards fall outside CLPUD’s direct impact zone or operational purview and are more appropriately addressed by other agencies within the broader emergency management framework.

Hazards classified in the 'bottom tier' pose low probability of occurrence and/or vulnerability of impact to the utility. Therefore, CLPUD has chosen not to develop specific mitigation strategies for these hazards. Instead, the utility will support and collaborate with the County and relevant cities in implementing broader mitigation efforts related to these hazards.

Table PUD-2 Hazard Analysis Matrix

Hazard	Maximum		Total Threat Score	Hazard Rank	Hazard Tiers
	History	Vulnerability			
Windstorm	20	50	100	70	Top Tier
Winter Storm	18	50	100	70	
Landslide	20	40	100	70	
Earthquake (Cascadia)	2	50	100	49	
Wildfire	10	30	90	70	
Local Tsunami	2	40	100	49	
Flood (Riverine)	16	25	70	70	
Flood (Coastal)	12	25	60	49	Bottom Tier
Coastal Erosion	12	15	50	49	

Source: CLPUD steering committee, 2025.

Community Characteristics and Assets

The following section provides information on CLPUD specific demographics and assets (see Table PUD-4). Many of these community characteristics can affect how natural hazards impact communities, and how communities choose to plan for natural hazard mitigation. Considering CLPUD specific assets during the planning process can assist in identifying appropriate measures for natural hazard mitigation.

Community Characteristics

CLPUD is a consumer-owned utility that provides electric service to over 40,000 service points across portions of Lincoln, Lane, Douglas, and Coos counties. As a Special District of the State of Oregon, CLPUD is governed by a publicly elected five-member board.

Facilities and Property Assets Inventory

This section provides information on CLPUD specific assets. Assets that may be affected by hazard events include residential and nonresidential buildings, critical facilities, and infrastructure. Considering the utility specific assets during the planning process can assist in identifying appropriate measures for natural hazard mitigation.

Table PUD-4 lists the resources, facilities, and infrastructure that, if damaged, could significantly impact the public safety, economic conditions, and environmental integrity of CLPUD.

CLPUD's facilities are located within their service area (Map PUD-1). Within Lincoln County the utility's service area extends from Coronado Shores in the north to the southern boundary of the county and includes the cities of Depoe Bay, Newport, Siletz, Toledo, Waldport, and Yachats. The service area is approximately 700 square miles and encompasses a 120-mile stretch of the central Oregon coast varying in width from one to 25 miles. The service territory is comprised of extreme variations in terrain elevation, dense vegetation, corrosive salt air, and frequent winter occurrences of high winds and heavy rain. To ensure system reliability, the coastal environment requires that CLPUD build structures to withstand 100+ mph winds; utilize galvanized steel, stainless or marine grade aluminum on all external metals; and use weather tight control cabinets with heaters, thermostats and vents to prevent condensation and marine air contamination. Coastal conditions have also compelled the utility to deploy its own robust fiber network in order to have reliable two-way communication with devices from the substation to the customer meter. Two-way communication allows operators to monitor and control field devices for reliability and safety.

Hazard Identification

This section profiles CLPUD's hazards and assesses their vulnerabilities, distinct from the countywide planning area. Detailed hazard profiles of the most significant countywide hazards are described in Volume I, Section 2. The detailed profiles include hazard characteristics, history, location, extent, previous occurrences, and probability of future occurrences. An event that affects the County, or applicable cities where district assets are located, is likely to affect the utility as well. However, not all hazards impact CLPUD assets. The utility chose to profile the hazards shown in Table PUD-2 due to the impact these hazards have upon their assets. Factors included during discussions by the utility included the number of potential assets damaged, extent of damage, and length of time required for repairs (economic losses were also considered).

Additional information is found in the [Risk Assessment for Region 1, Oregon Coast, Oregon SNHMP \(2020\)](#).

National Flood Insurance Program (NFIP)

The utility does not have the authority to adopt and enforce floodplain management or other land use regulations for the areas within its jurisdiction. For more information on National Flood Insurance Program (NFIP) claims and other potential flood impacts, see the cities of Depoe Bay, Newport, Siletz, Toledo, Waldport, or Yachats (Volume III).

Vulnerability Assessment

No development or population changes affected the jurisdiction’s overall vulnerability to their profiled hazards. In addition, development and population forecasts are not expected to increase or decrease the impact of their profiled hazards.

The large geographic area that CLPUD operates within puts the utility at greater risks due to there being more places for a disaster to happen. Additionally, the nature of power distribution entails putting infrastructure throughout mountainous and forested areas. These remote parts of the county make accessibility to equipment more of a challenge.

Table PUD-3 provides the ranking of hazards of concern based on total threat score and Table PUD-4 shows hazard impact to utility’s assets.

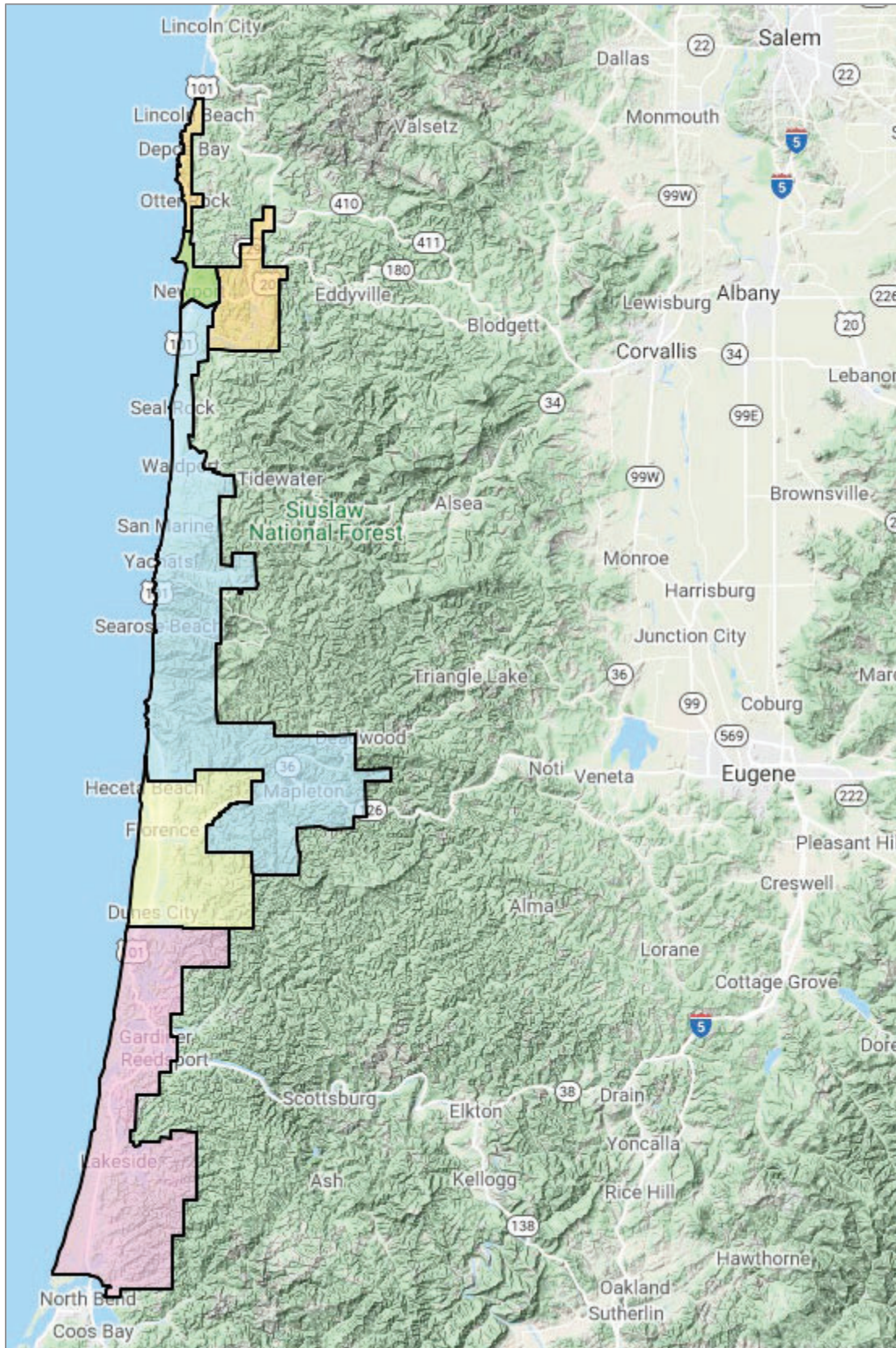
Hazard area extent and location maps are included in Attachment B. Information shown on the maps is for planning purposes, represents the conditions that exist at the map date, and is subject to change. Refer to the original source documentation to better understand the data sources, results, methodologies and limitations of each dataset presented.

Table PUD-3 Hazard Identification and Impact

Hazard	Description of Impact	Total Threat Score
Windstorm	Portions of CLPUD’s distribution system could be damaged or destroyed.	240
Winter Storm	Power outages and road blockages could prevent the system from operating for hours or days.	238
Landslide	Portions of utility’s distribution system could be damaged or destroyed. Road access to utility assets could be negatively impacted.	230
Earthquake (CSZ Event)	Large portions of the distribution system and utility facilities would be destroyed.	201
Wildfire	The entire utility’s distribution system could be damaged or destroyed.	200
Local Tsunami	Large portions of the distribution system and utility facilities would be destroyed.	191
Flood (Riverine)	Water inundation could directly damage utility infrastructure. Access to facilities could be negatively impacted.	181
Flood (Tidal)	Access to utility facilities could be negatively impacted.	146
Coastal Erosion	Over time, utility infrastructure could be damaged.	126

Source: CLPUD steering committee, 2025.

Map PUD-1 District Boundaries



Source: Central Lincoln PUD

Table PUD-4 Facilities Summary

Name/Number	Address	Identified Hazard Exposure													
		AQ	CE	DR	EQ	EH	FL	LS	TS	VE	WF	WS	WT		
Intangible plant															
Intangible plant					X								X	X	X
Transmission plant															
Substation infrastructure and equipment					X										
Poles, and fixtures					X			X					X	X	X
Overhead conductors and devices					X			X					X	X	X
Underground conduit					X			X							
Underground conductors and devices					X			X							
Distribution plant															
Substation infrastructure and equipment					X										
Structures and improvements					X										
Poles, towers, and fixtures				X			X	X	X				X	X	X
Overhead conductors and devices					X			X	X				X	X	X
Underground conduit					X			X	X						
Underground conductors and devices					X			X	X						
Line transformers					X			X	X				X	X	X
Street lighting equipment															
General plant															
Headquarters Building	2129 N Coast Hwy, Newport				X										
Northern Operations Center	7501 NE Avery St, Newport														
Southern Operations Center	966 US 101, Florence				X										
Reedspport Office	440 Fir St, Reedspport				X			X							
Communication Towers and Control Houses	Otter Crest, Newport, Toledo, Table Mountain				X				X					X	X
Communication Towers and Control Houses	Glenada, Herman Peak, Gardiner, Shutter Creek				X				X					X	X
Structures and Improvements					X				X						

Name/Number	Address	Identified Hazard Exposure											
		AQ	CE	DR	EQ	EH	FL	LS	TS	VE	WF	WS	WT
Office furniture and equipment					X		X						
Transportation equipment					X								
Stores equipment					X		X			X			
Tool and shop equipment					X		X			X			
Laboratory equipment					X								
Communications equipment					X								
Substation SS332	Lakeside												

Source: Information provided by CLPUD

Dark Grey highlight indicates that the hazard does not impact the jurisdiction.

Table Key:

"X" – Facility may be exposed and may be impacted by the identified hazard per a visual inspection of the mapped hazard area
[blank] = facility exposure has not been assessed for this hazard

Hazard Descriptions:

- AQ = Air Quality
- CE = Coastal Erosion
- DR = Drought
- EH = Extreme Heat
- EQ = Earthquake
- FL = Flood
- LS = Landslide
- TS = Tsunami
- VE = Volcanic Event
- WF = Wildfire
- WS = Windstorm/Tornado
- WT = Winter Storm

Attachment A:

Action Item Status and Forms

Table PUD-5 is an accounting of the status (complete or not complete) and major changes to actions since the previous NHMP. All actions were renumbered in this update to be consistent with other jurisdictions that are participating in the multi-jurisdictional NHMP. Actions identified as still relevant are included in the updated action plan (Table PUD-1).

2020-2025 NHMP Actions that are Complete:

CLPUD #1: *“Strengthen local power and communication grids through redundancy and looped systems.”* CLPUD completed the installation of its new telecommunications system that adds speed, remote control, redundancy and resiliency. CLPUD also completed construction of a redundant transmission line between its Agate Beach and Steenson Road substations, which will mitigate for widespread outages in the Newport area.

CLPUD #3: *“Evaluate the relocation of utility infrastructure in identified flood hazard zones”* is considered complete for one of two projects identified. CLPUD completed the work to raise the elevation of substation 134 in Toledo to above the flood line.

CLPUD #4: *“Design transmission and distribution systems with consideration of potential slides”* is considered complete. CLPUD completed construction of a redundant transmission line between its Agate Beach and Steenson Road substations, which will mitigate for widespread outages due in the Newport area.

CLPUD #5: *“Monitor and evaluate existing infrastructure for potential slide risk”* is considered complete. Helical piers were installed at substation 137 to address ground movement, and a retaining wall was built to stabilize the hillside at substation SS109.

CLPUD #6: *“Collaborate with Lincoln County to identify potential threats.”* Part of normal operations.

CLPUD #7: *“Enhance vegetation management in right of ways to minimize outages caused by trees or branches touching the power lines”* is considered complete. A right of way supervisor was hired, additional in-house and contract crews were added. A risk assessment of the entire system was completed and feeders prioritized for tree removal and trimming.

CLPUD #9: *“Provide for the safety of employees and continuity of operations after a Cascadia event by completing a seismic retrofit on the current Central Lincoln PUD headquarters building or constructing a new headquarters facility by 2022.”* Design has been completed for a replacement headquarters building at the existing site. Construction is set to begin in late 2025, expected to be finished by 2027.

CLPUD #10: “Install cameras on two communication towers by 2022 to monitor transmission lines for wildfire” is considered complete. An AlertWildfire camera was installed on CLPUD’s Table Mountain telecommunications tower through a partnership with the University of Oregon.

Additional NHMP Related Activity Completed:

(2021) Relocated critical telecommunications in a seismically vulnerable building to one that could withstand a major earthquake.

(2021) Adopted a risk-based Wildfire Mitigation Plan and implemented wildfire settings on substation equipment to mitigate for wildfire ignitions from utility equipment.

(2020) Secured substation transformers to their foundations to mitigate for an earthquake.

Previous NHMP Actions that are Not Complete and No Longer Relevant:

None

Table PUD-5 Status of All Hazard Mitigation Actions in the Previous Plan

2020 Action Item	2025 Action Item	Status	Still Relevant? (Yes/No)
CLPUD #1	-	Complete	-
CLPUD #2	#2	Not Complete, revised	Yes
CLPUD #3	-	Complete	-
CLPUD #4	-	Complete	-
CLPUD #5	-	Complete	-
CLPUD #6	-	Complete	-
CLPUD #7	-	Complete	-
CLPUD #8	#7	Not Complete, revised	Yes
CLPUD #9	-	Complete	-
CLPUD #10	-	Complete	-
-	#1	New	-
-	#3	New	-
-	#4	New	-
-	#5	New	-
-	#6	New	-

Previous 2015-2020 NHMP Actions Completed:

Landslide #1: *“Design transmission and distribution systems with consideration of potential slides”* is considered complete. CLPUD completed a Vulnerability and Risk Assessment on the utility’s transmission, substation and communication systems in 2016, with an assessment of the distribution system added in 2018. An underground distribution line that was impacted by a slide was relocated.

Landslide #2: *“Monitor and evaluate existing infrastructure for potential slide risk”* is considered partially complete. The engineering design to remedy the ground settlement and stabilize substation 137 is complete. Monitoring of substation 109 is ongoing.

Tsunami #1: *“Relocate Northern Operations Center out of the tsunami zone”* is considered complete. Land was identified, purchased, and a new operations facility designed to essential facility standards was constructed.

Additional NHMP Related Activity Completed:

(2019) Installed seismic monitoring devices at seven substations located throughout CLPUD’s service area to provide early warning in the event of an earthquake.

Attachment B: Public Involvement Summary

Members of the Steering Committee helped to develop and provide edits to the NHMP prior to the public review period as reflected in the final document. In addition, a survey was distributed that included responses from residents of CLPUD (Volume II, Appendix F).

To provide public information regarding the draft NHMP addendum, and provide an opportunity for comment, an announcement was provided for from August 7 through 21, 2025 on the County's website and publicized by CLPUD. Comments were reviewed and integrated into the NHMP as applicable. Additional opportunities for stakeholders and the public to be involved in the planning process are addressed in Volume II, Appendix B.

Various agencies and organizations contributed input through multiple channels, including comments on the draft. These groups include local and regional hazard mitigation agencies, development regulators, neighboring communities, businesses, academia, nonprofits, and community-based organizations serving underserved and socially vulnerable populations (see Volume II, Appendix B).

Steering Committee

Steering Committee members possessed familiarity with CLPUD and how it is affected by natural hazard events. The Steering Committee guided the development process through several steps including goal confirmation, action item review, development, and prioritization, and information sharing, to make the NHMP as comprehensive as possible. The Steering Committee met formally on the following dates:

Meeting #1: March 31, 2025 (virtually via Zoom)

During this meeting, the Steering Committee reviewed the previous NHMP, and were provided updates on hazard mitigation planning, the NHMP update process, and project timeline. The Steering Committee:

- Reviewed and provided feedback on recent history of hazard events.
- Reviewed and confirmed the County NHMP's mission and goals.
- Discussed the NHMP public outreach strategy.
- Reviewed and provided feedback on the draft risk assessment including community vulnerabilities and hazard information.
- Developed their mitigation strategy (actions).
- Reviewed and provided feedback on their implementation and maintenance program.

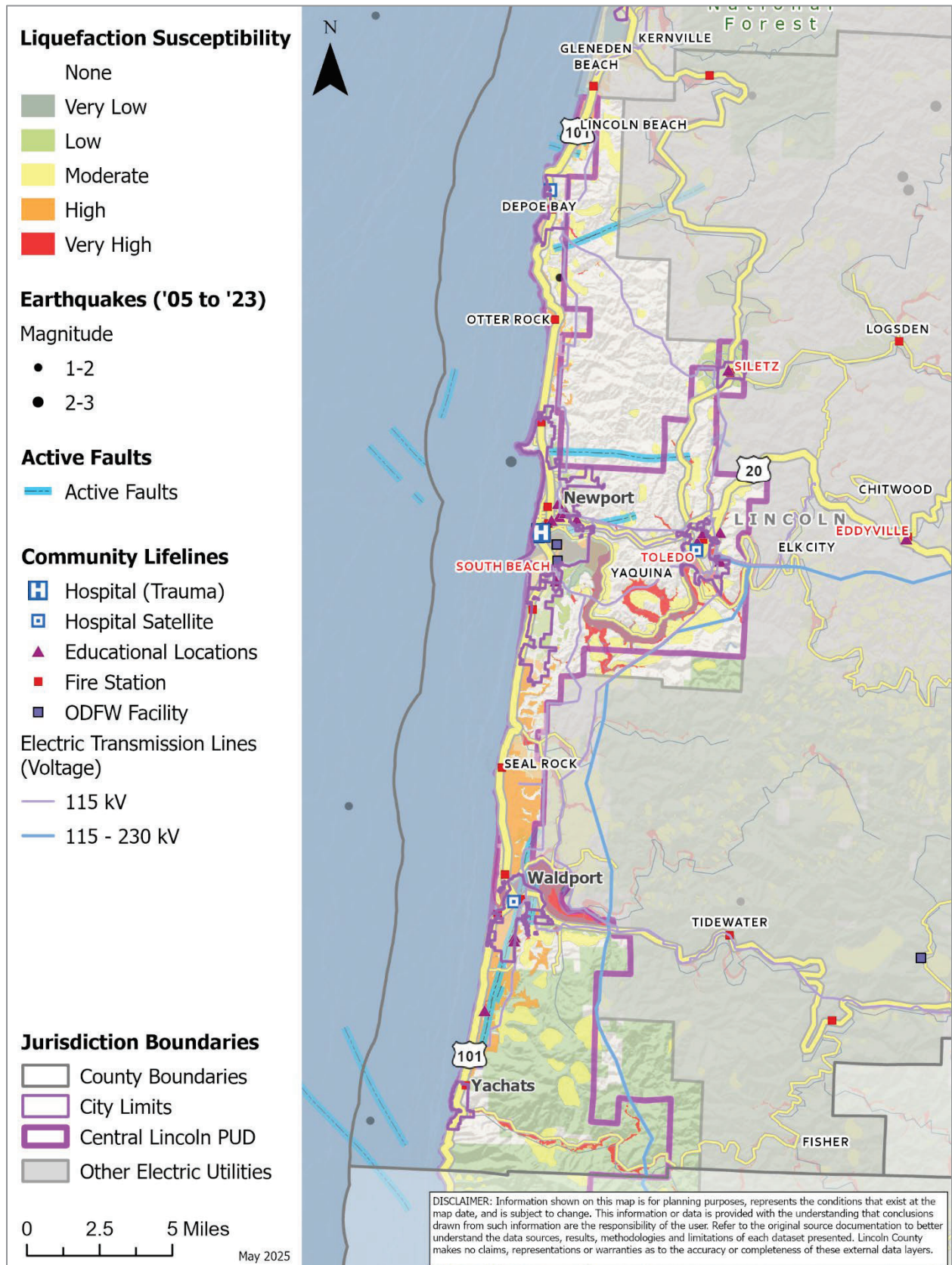
Meeting Attendees:

- Gail Malcom, Senior Project Manager

Attachment B: Hazard Maps

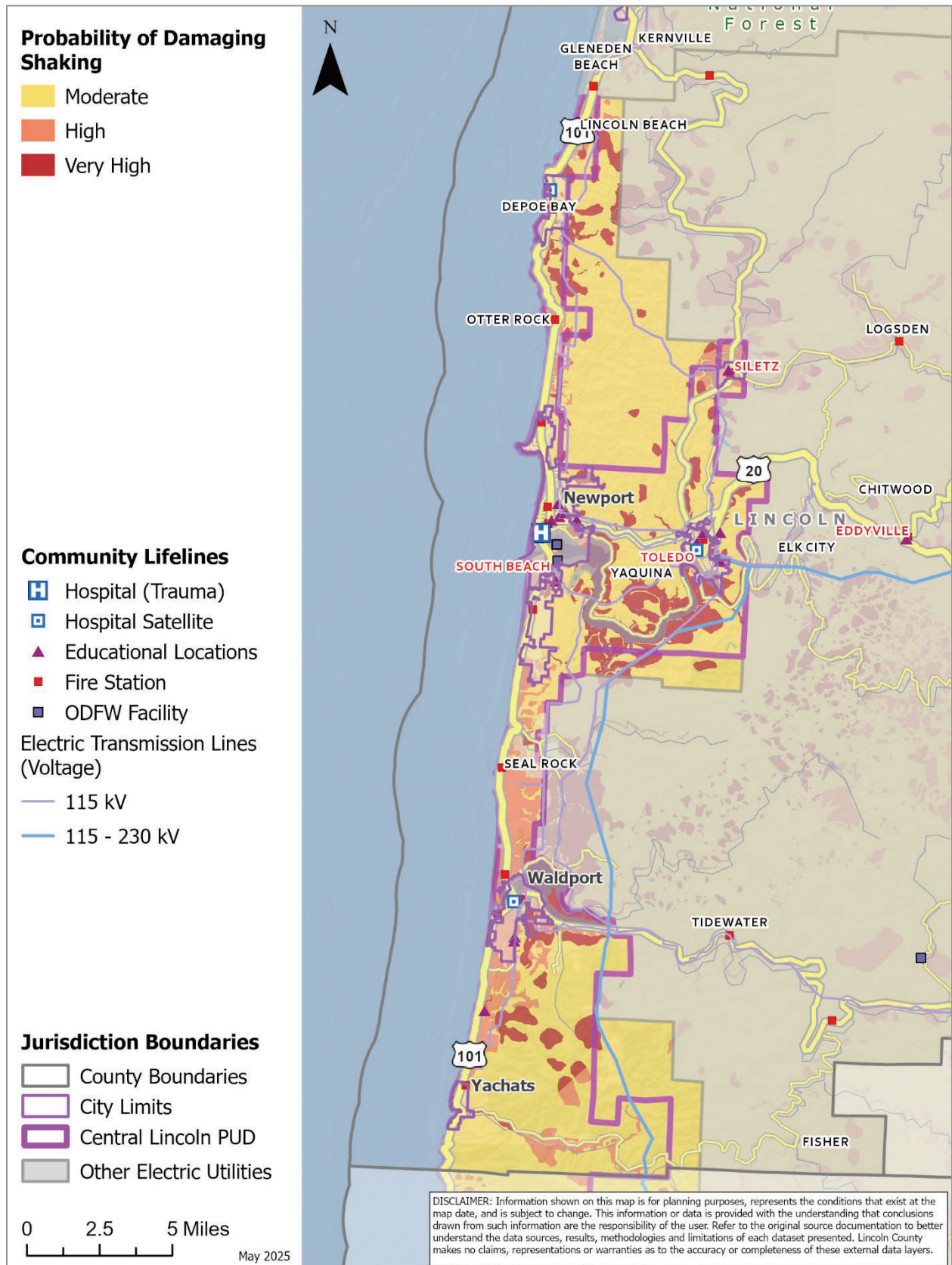
MAP PUD-3 EARTHQUAKE LIQUEFACTION (SOFT SOIL) HAZARD AND ACTIVE FAULTS	19
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Map PUD-2 Earthquake Liquefaction (Soft Soil) Hazard and Active Faults



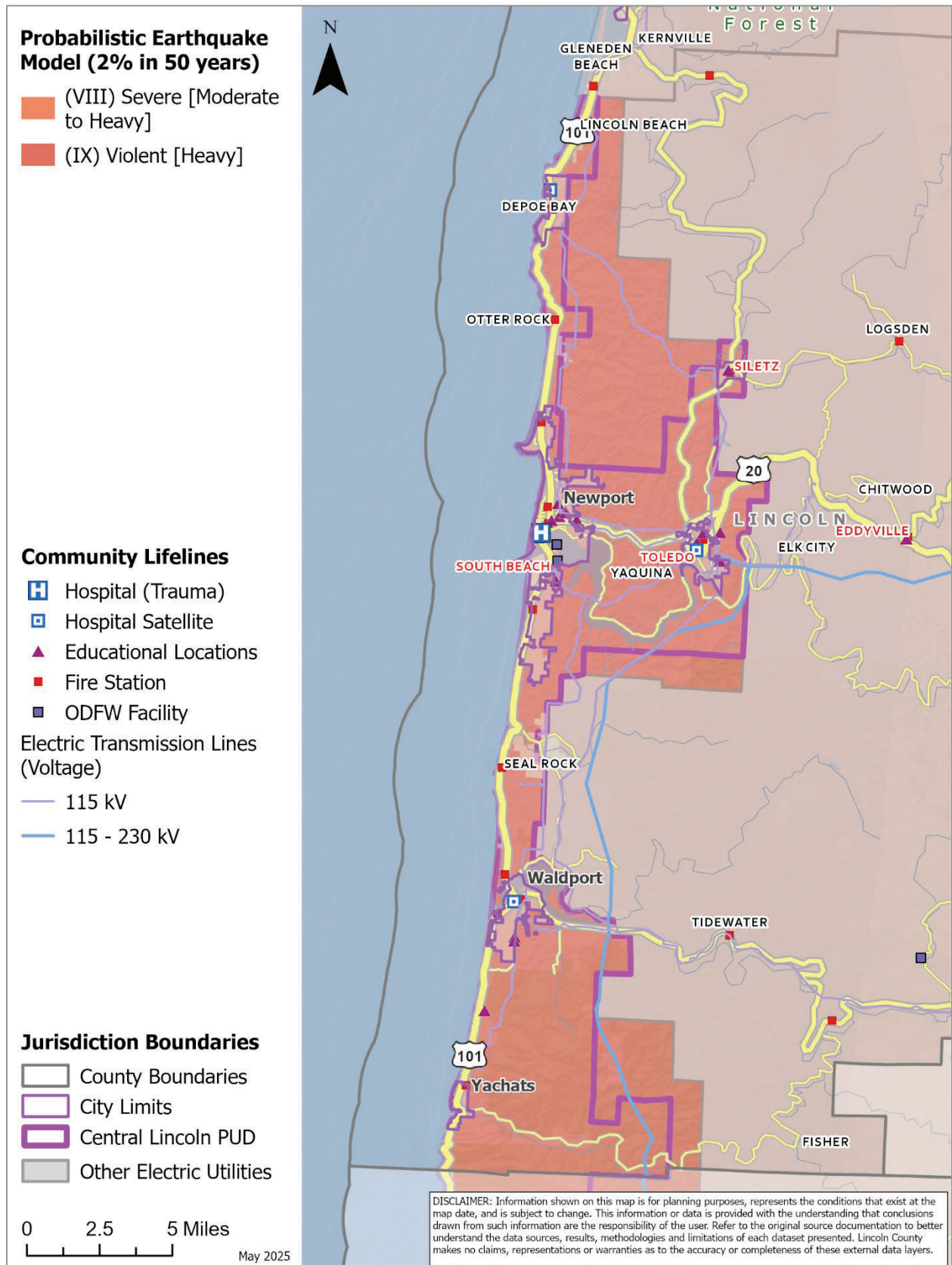
Source: [Oregon Explorer: Map Viewer](#) – To view map detail click hyperlink to left.

Map PUD-3 Probability of Damaging Shaking



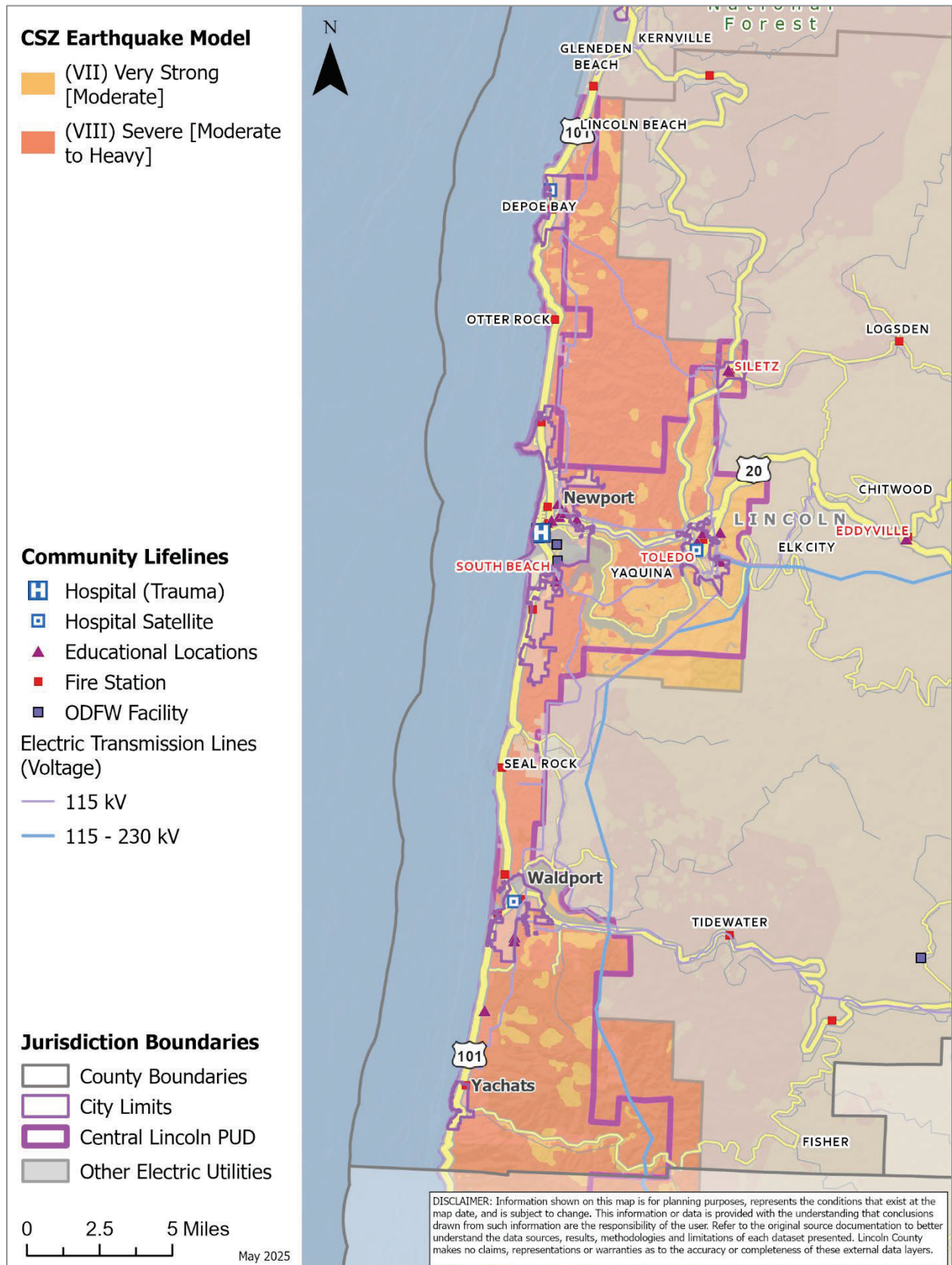
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Map PUD-4 Perceived Shaking and Damage Potential, Probabilistic Earthquake Model



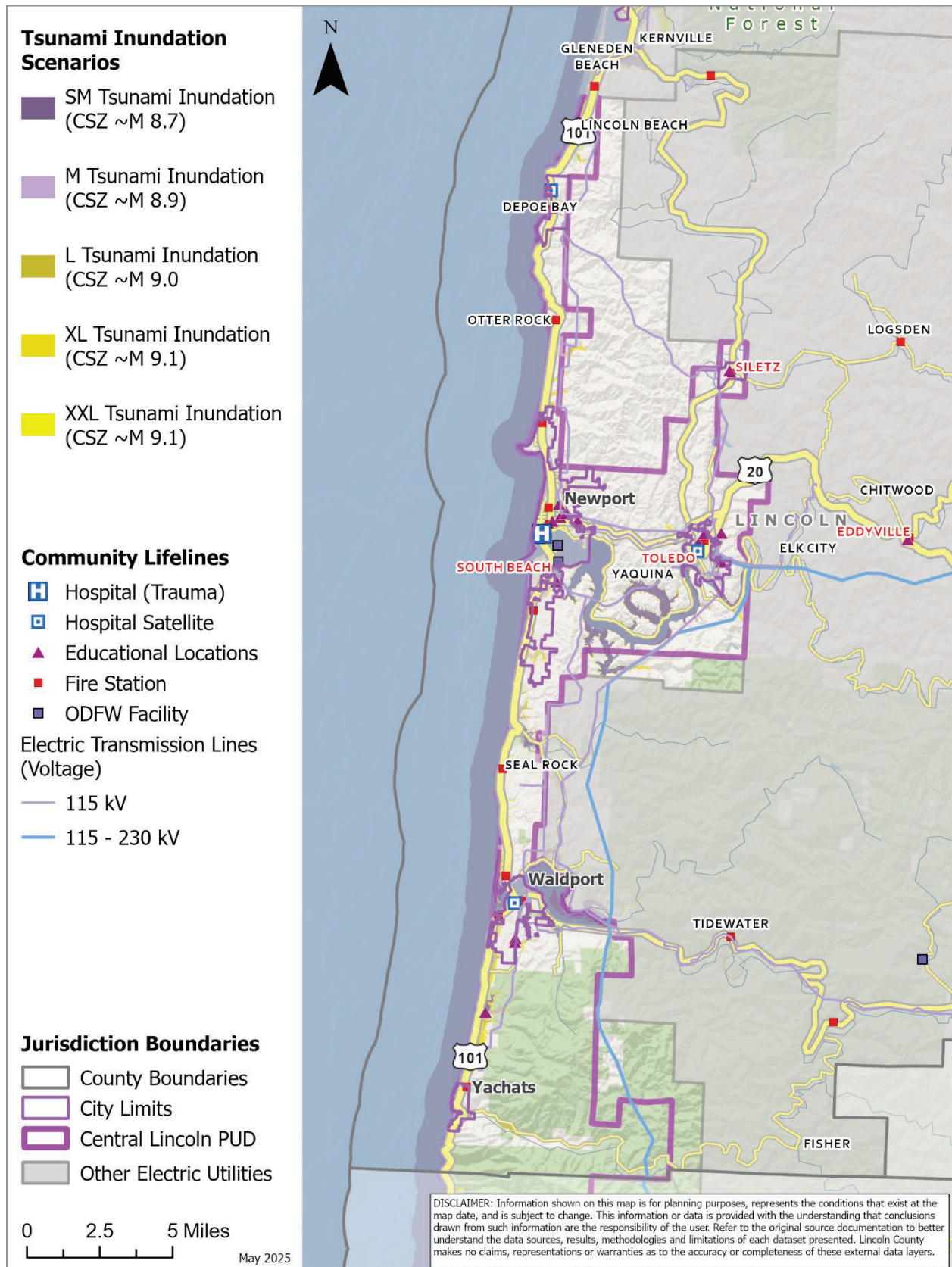
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Map PUD-5 Perceived Shaking and Damage Potential, CSZ Earthquake Model



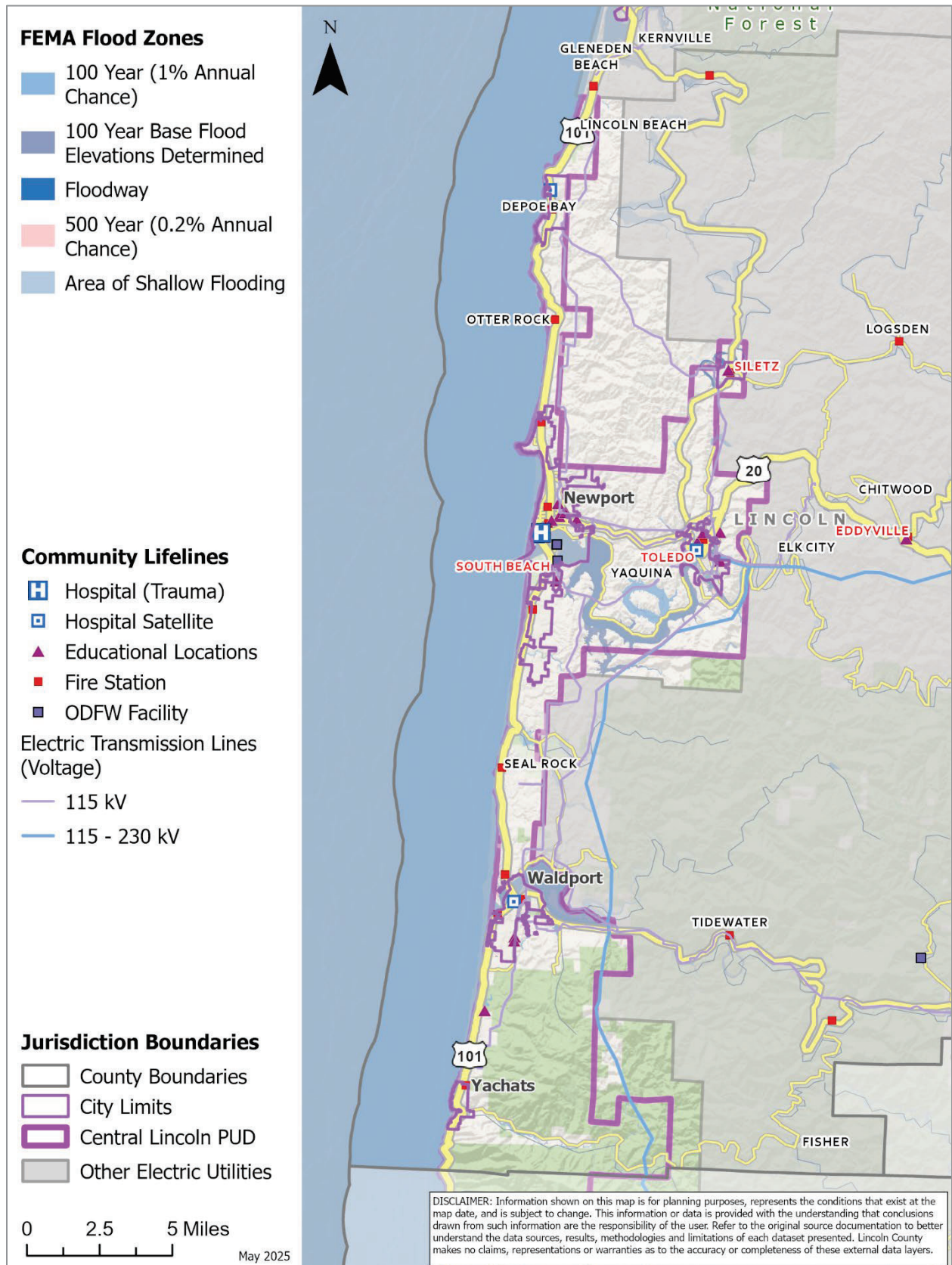
Source: [Oregon Explorer: Map Viewer](#) – To view map detail click hyperlink to left.

Map PUD-6 Tsunami Inundation Scenarios



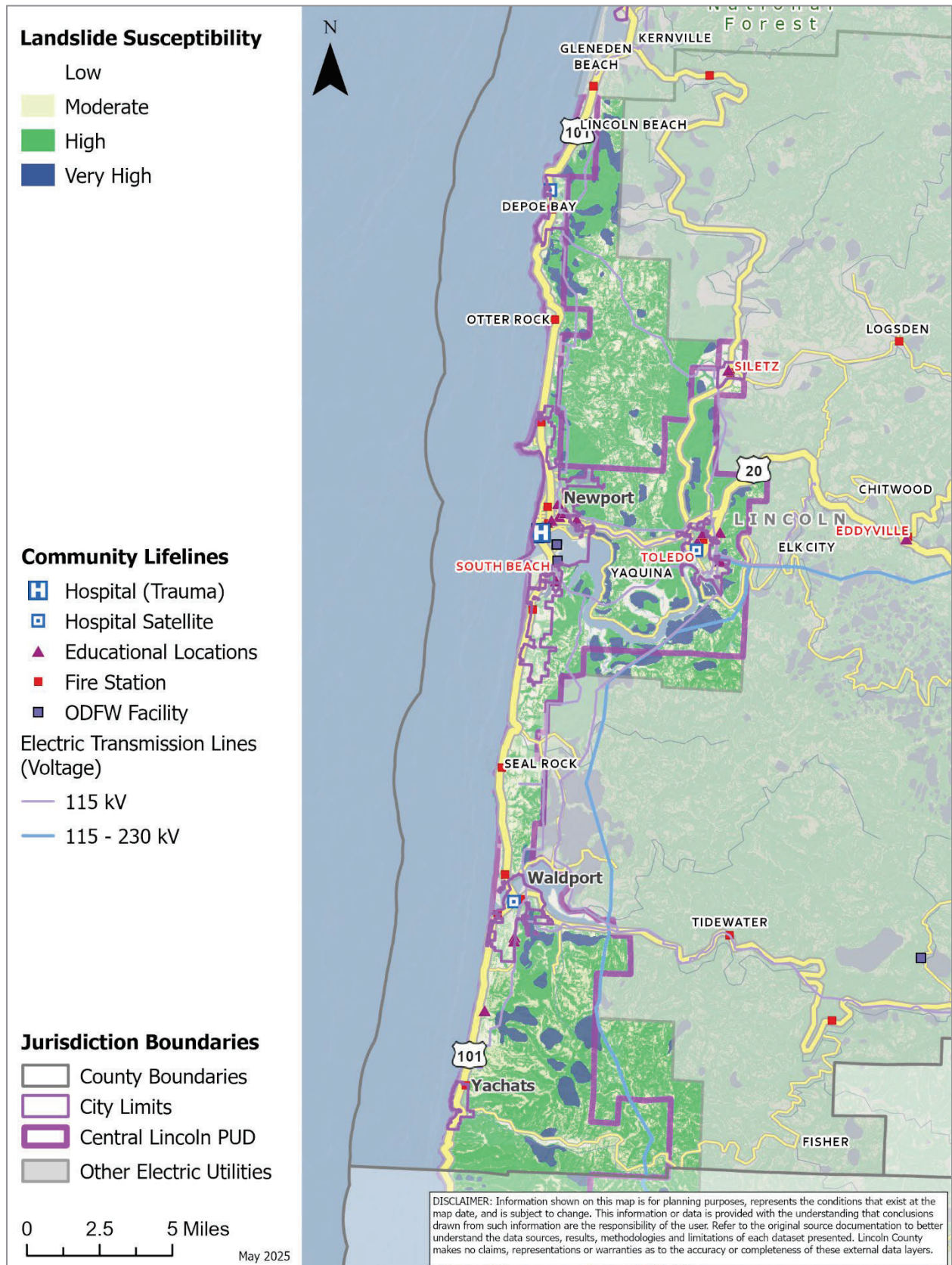
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Map PUD-7 Flood Hazard Zones (100- and 500-year floodplains)



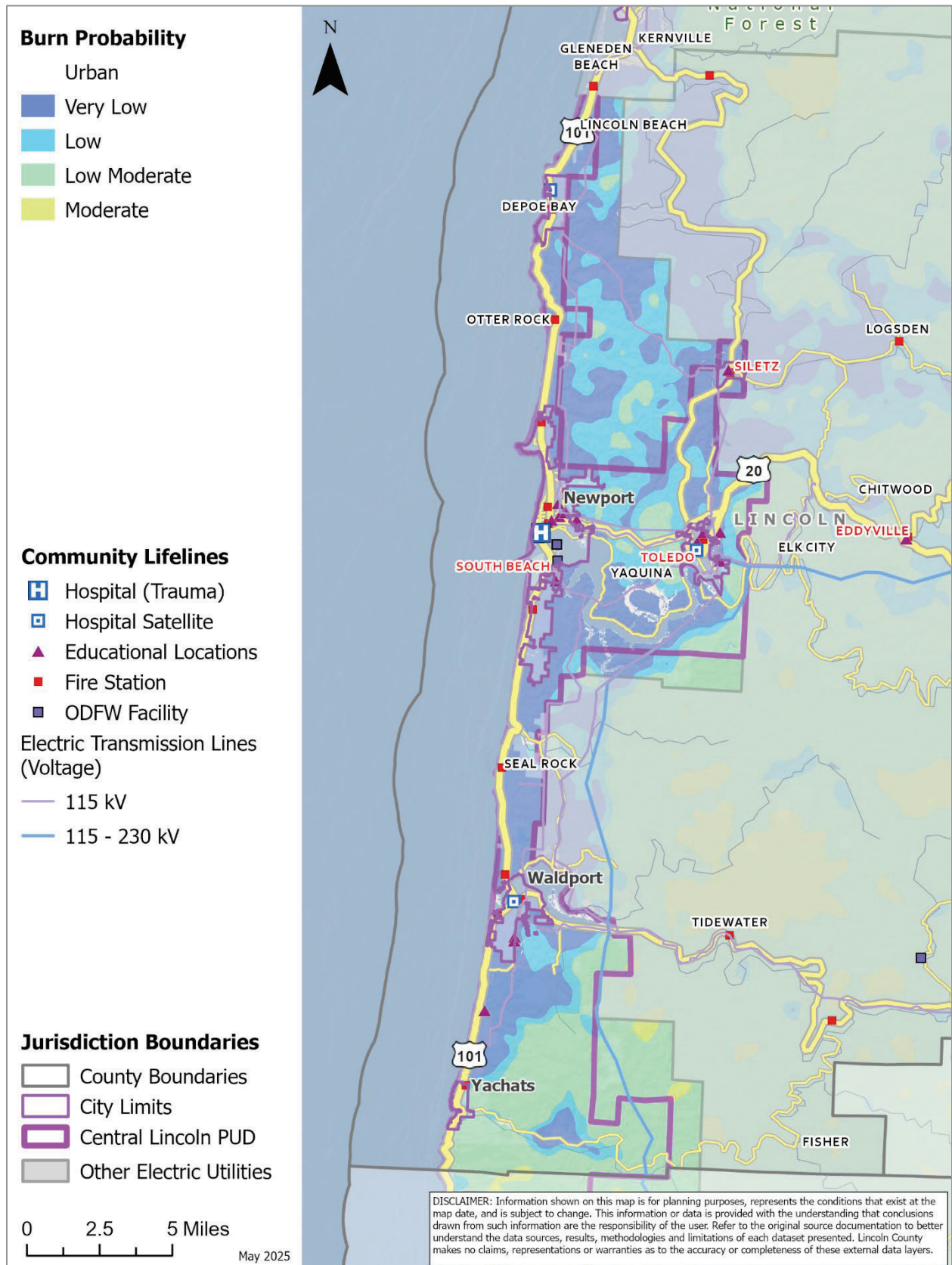
Source: [Oregon Explorer: Map Viewer](#) – To view map detail click hyperlink to left.

Map PUD-8 Landslide Susceptibility Exposure



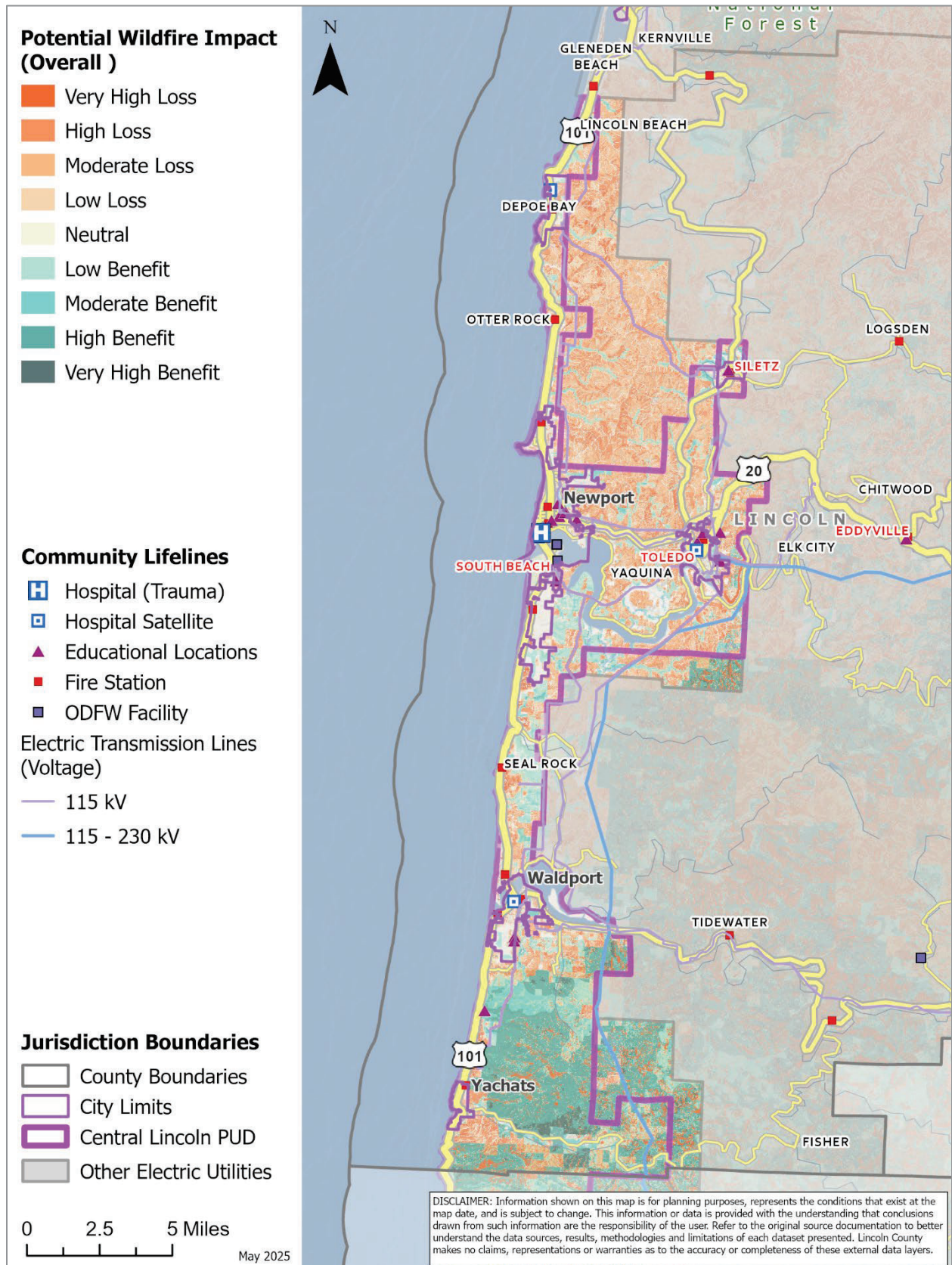
Source: [Oregon Explorer: Map Viewer](#) – To view map detail click hyperlink to left.

Map PUD-9 Burn Probability and Fire History (1992-2022)



Source: [Oregon Explorer: Map Viewer](#) – To view map detail click hyperlink to left.

Map PUD-10 Potential Wildfire Impact (Overall)



Source: [PNW Quantitative Wildfire Risk Assessment](#) (2023, layer name = icNVC), To view map detail click hyperlink to left..