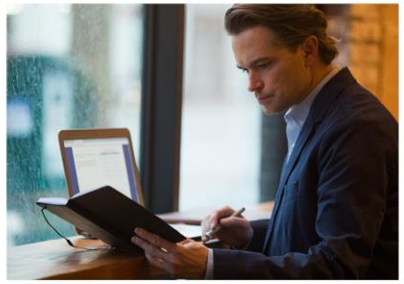
Community Benefits & Impacts Advisory Group

Tenth CBIAG Meeting
July 20, 2023





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For a Better Meeting Experience

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Select "ASL" under Watch or "Spanish" under Audio
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Use Gallery View (icon at top right) when in group discussion

For technical support, chat “Tag G– D/ E Source" as recipient, and send your message

Questions are welcome at any time
Please mute until speaking
Speak by clicking the "Raise Hand" in the tool bar

Agenda

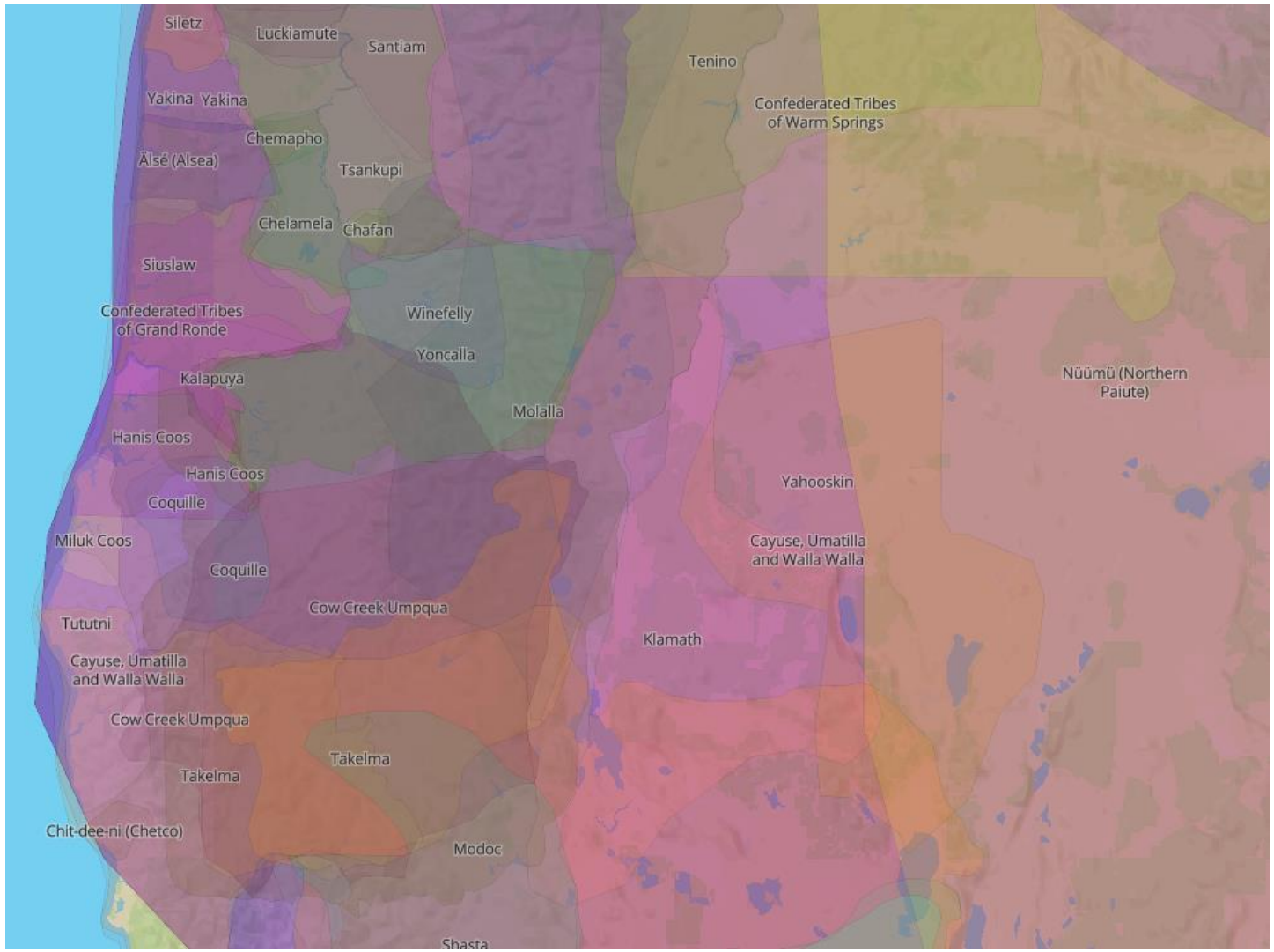
TIMING	TOPIC
1:00 p.m.	Land Acknowledgement Presenters, Purpose & Objectives Check In
1:15 p.m.	Reflecting on the June Meeting
1:30 p.m.	Feature: Oregon Department of Energy
2:00 p.m.	Resiliency
2:30 p.m.	Break
2:40 p.m.	Equity in Small Scale Renewable Resource Procurement
3:00 p.m.	CBRE Input Opportunity
3:30 p.m.	Public Comment
3:40 p.m.	Summary and Next Steps

Land Acknowledgement

We hold respect and gratitude for the Indigenous people who have been and still consider themselves to be the caretakers of the biodiversity of the regional land and water. We take this moment to honor the Indigenous communities of the past, present and future.

Native Land Digital

Source: Native-Land.ca | Our home on native land



Presenters

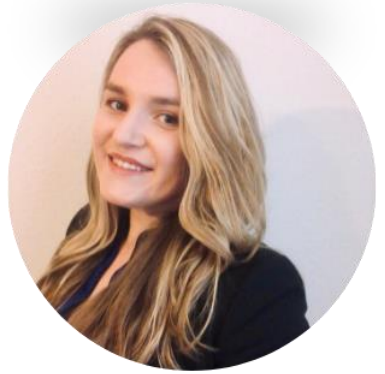
Christina Medina
PacifiCorp Manager, Stakeholder Policy & Engagement

Ryan Harvey
Community Renewables Program Manager

Robert Del Mar
Oregon Department of Energy

Kevin Benson
PacifiCorp Director of Risk Assessment

Thomas Burns
PacifiCorp Vice President of Resource Planning & Acquisitions



Morgan Westberry
E Source Facilitator

Check In

What is your favorite place to visit in Oregon?

Community Benefits & Impacts Advisory Group (CBIAG) Purpose:

Focus on equity and a clean energy future in Oregon in accordance with HB 2021

Today's Objectives

1. Learning about Oregon Department of Energy's offerings and role in supporting an equitable clean energy future
2. Deepening our understanding of Resilience, equitable approaches underway for Resource Procurement, and Community Based Renewable Energy (CBRE)

Reflecting on the June Meeting

Five CBIAG members representing five partner organizations participated online

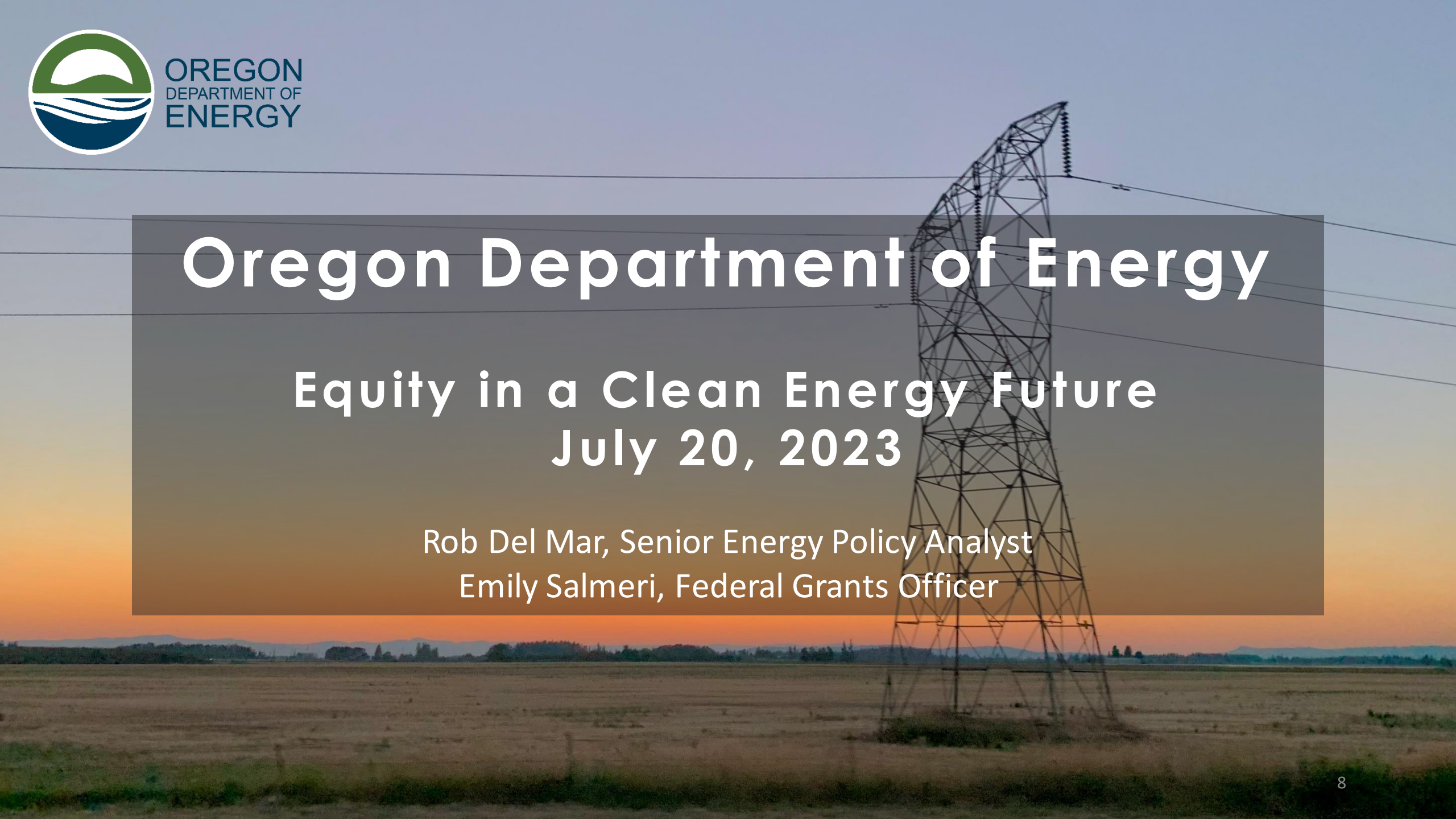
CBIAG Attendees	
Britt Conroy	Ecumenical Ministries of Oregon
Jennifer Groth	Rural Development Initiatives
Patrice Hanlon	Josephine County Food Bank
Tim Lynch	Multnomah County
Xitlali Torres	Klamath and Lake Community Action Services

Our goals:

1. Receive a regional perspective from Klamath Falls Community Action Services
2. Request your Clean Energy Benefits Survey feedback through an Interactive exercise
3. Introduce Energy Trust of Oregon and how they support our communities
4. Brief on Transportation Electrification in Oregon
5. Deepening our understanding on Community-Based Renewable Energy

Main Themes:

- Deepened understanding of CBREs, how they are reflected in the CEP, and input on how to socialize a CBRE specific "survey"
- Review of and discussion around the Clean Energy Benefits Survey
- Overview of Transportation Electrification and updates to the Transportation Electrification Plan



Oregon Department of Energy

Equity in a Clean Energy Future
July 20, 2023

Rob Del Mar, Senior Energy Policy Analyst
Emily Salmeri, Federal Grants Officer

OREGON DEPARTMENT OF ENERGY

Leading Oregon to a safe, equitable, clean, and sustainable energy future.

Our Mission

The Oregon Department of Energy helps Oregonians make informed decisions and maintain a resilient and affordable energy system. We advance solutions to shape an equitable clean energy transition, protect the environment and public health, and responsibly balance energy needs and impacts for current and future generations.

What We Do

On behalf of Oregonians across the state, the Oregon Department of Energy achieves its mission by providing:

- A Central Repository of Energy Data, Information, and Analysis
- A Venue for Problem-Solving Oregon's Energy Challenges
- Energy Education and Technical Assistance
- Regulation and Oversight
- Energy Programs and Activities

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ODOE GUIDING PRINCIPLES

- Considering **equity at every step**, including geographic diversity. This will help ensure that the funds comply with the Biden-Harris Administration's Justice40 initiative to distribute at least 40% of the benefits to disadvantaged communities.
- Coordinating with **tribal governments** and communicating clearly, inclusively, and efficiently to ensure stakeholders and the public are informed and supported, and that they participate in federal funding opportunities.
- Where possible and internal resources allow, providing **technical assistance** to build community capacity and support grant recipients.
- Building **cross-agency partnerships** to leverage expertise and support historically underinvested work to further energy and climate goals and to provide other community benefits.
- Taking advantage of high-priority funding opportunities while ensuring quality work that puts **every available dollar to its best use**.

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2021-2024 STRATEGIC PLAN

IMPERATIVES

Expand and Improve Stakeholder Engagement

Build Practices and Processes to Achieve More Inclusive and Equitable Outcomes

Assess and Enhance Organizational Data Capabilities

Assess and Modernize Agency Programs and Activities

Optimize Organizational Efficiency and Impact

SELECT OBJECTIVES

Year-over-year increase in agency engagement with organizations representing historically and currently underserved populations and communities

Year-over-year increase in the percent of agency job applicants identifying as Black, Indigenous, and People of Color.

Year-over-year increase in the percent of historically and currently underserved populations and communities participating in ODOE programs and services

100% of ODOE programs and activities align with ODOE mission and position statements

Year-over-year increase of collection, review, and analysis of data

Year-over-year increase in data sharing relationships

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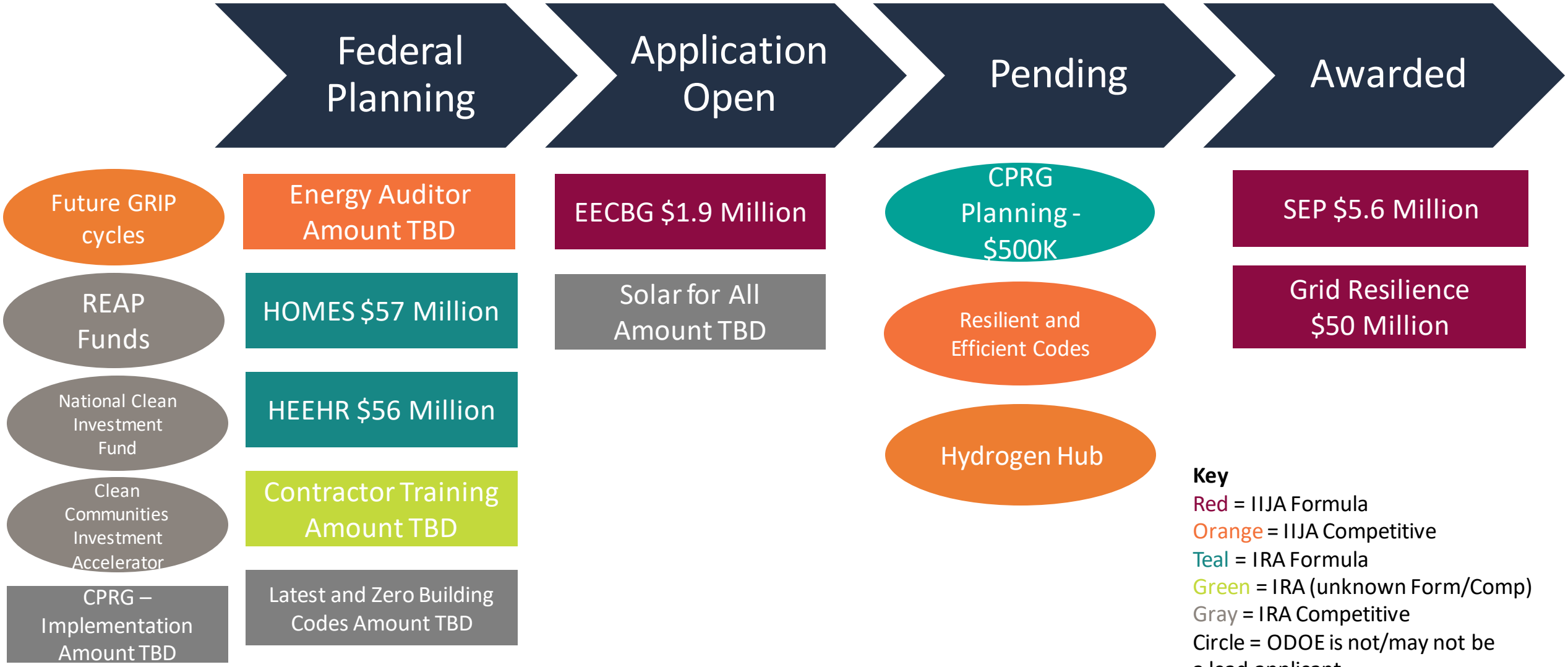
www.oregon.gov/energy/About-Us/Pages/Strategic-Plan.aspx

FEDERAL GRANT OPPORTUNITIES ODOE IS CLOSELY FOLLOWING



July 2023

Agency Programs & Activities

- Federally funded
- State funded

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GRID RESILIENCE GRANT PROGRAM

Section 40101(d) Infrastructure Investment and Jobs Act (IIJA) Formula Grants

~$10M per year for 5 years from US DOE to State of Oregon

- 95% of funds will be subcontracted to Oregon **electric utilities**
- 40% of funds to small utilities
- 40% of funds to disadvantaged communities
- Maximize community benefits

Formula allocations to each of the 9 federally-recognized Tribes in Oregon:

- CTCLUSI: $586,346 over 5 years
- Siletz: $373,174 over 5 years
- CTWS: $1,619,758 over 5 years
- CTUIR: $374,463 over 5 years
- Coquille: $370,803 over 5 years
- Cow Creek: $498,978 over 5 years

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https://www.oregon.gov/energy/energy-oregon/Pages/IIJA.aspx

Link to Formula Grant Allocation Amounts to Tribes from USDOE.

Eligible Projects

- Natural hazard mitigation
- Undergrounding
- Vegetation management
- Controls
- Monitoring
- Many others

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GRID RESILIENCE GRANT PROGRAM

Section 40101(d) Infrastructure Investment and Jobs Act (IIJA) Formula Grants

Purposes:

- Improve the all-hazards resilience of the electric grid against disruptive events.
- Generate the greatest community benefit in reducing the likelihood and consequences of disruptive events.
- Advance DOE's equity, environmental and energy justice priorities, including the Justice40 Initiative.
- Invest in America's workforce.

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COMPETITIVE SELECTION CRITERIA

Proposed Criteria Categories	Proposed Scoring Weight
Project Readiness and Technical Viability	50%
Community Benefits	45%
Geographic and Technological Diversity	5%

Projects evaluated by review committees with ODOE staff and external partners

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ODOE'S APPROACH TO COMMUNITY BENEFITS

- How do you define community benefit?
- Do you have examples of past projects that could positively impact labor and workforce development?
- How do utilities already advance equity, diversity, inclusion, and access, and what more can be done to further these priorities?
- In general, what areas do you think community benefit requirements can have the greatest impact throughout Oregon?
- How can the community benefit requirements achieve the greatest impact through this program?

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State-funded Financial Incentives

Oregon Solar + Storage Rebate Program

$6.4 Million in total rebates

2,297 projects received rebates, including:

- 376 Oregonians with low and moderate incomes
- 10 low-income service providers
- Average rebate for non-income restricted residential: $2,308
- Average rebate for low- and moderate-income residential: $5,136
- Average rebate for low-income service provider: $7,623

Rebates were issued in 26 of Oregon's 36 counties

Nearly...

20 MW of solar energy installed and

25 Million kilowatt hours of renewable electricity produced per year

Community Renewable Energy Grant Program

13 Construction Grants
Average Award $868,483

8 Planning Grants
Average Award $85,664

Home Energy Scoring

8,593
Home energy scores conducted statewide

Portland, Hillsboro, and Milwaukie have all adopted mandatory scoring policies, and Bend will launch a new policy in July 2023

Rural & Agricultural Energy Audit Program

Audits in:
Dayton, Forest Grove, St. Paul, Dallas, and Redmond

$4,730
Average incentive amount

Energy Efficient Wildfire Rebuilding Incentive

$1.6 Million in total incentives issued in 7 wildfire-affected counties

232 Wildfire survivors received a wildfire rebuilding incentive

Calendar Year 2022

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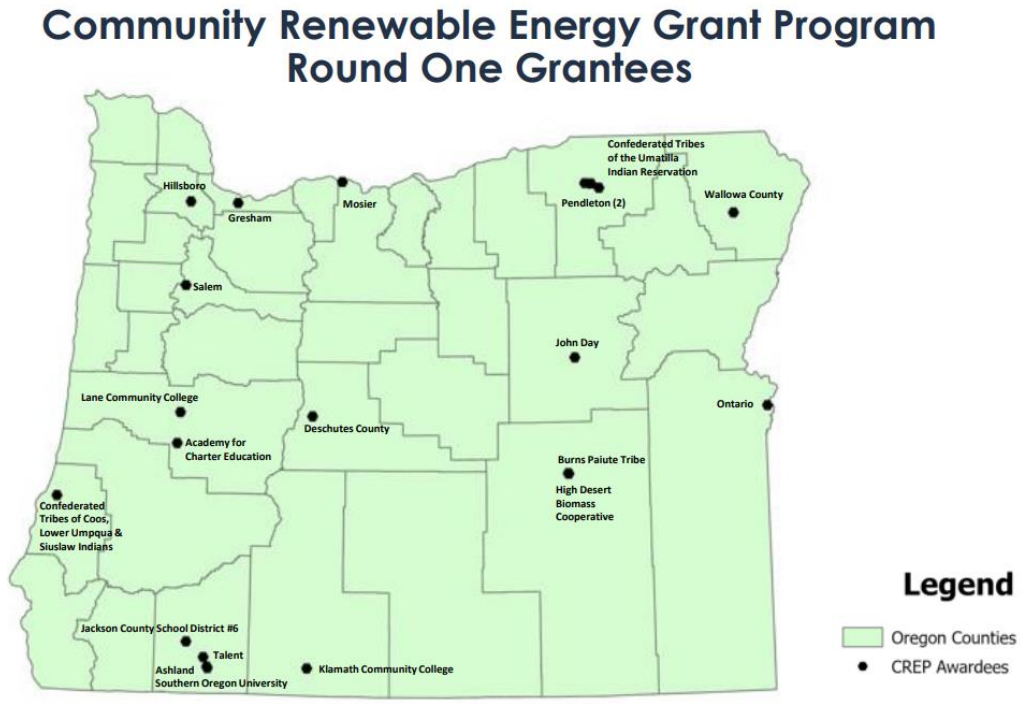
Grant Awards

- ODOE announced the **first round of $12 million** in grants in late 2022
- Round one awardees include:
  - **Burns Paiute Tribe** | $89,718
    - Planning to connect a local community cooperative biomass district heating system to the Tribal community center in Burns
  - **Confederated Tribes of Coos, Lower Umpqua & Siuslaw Indians** | $1,000,000
    - Net-metered solar and battery storage with microgrid systems to power tribal buildings during grid outages
  - **Confederated Tribes of Umatilla Indian Reservation** | $1,000,000
    - Net-meter solar system to be installed to serve a Tribal housing project
- Second round of grants (applications were due February 15th)
  - 52 applications received, 39 selected
- Round three is TBD, likely later this summer



https://www.oregon.gov/energy/Incentives/Pages/CREP.aspx

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NEW PROGRAMS AND PARTNERSHIPS

- **Community Navigator** helps provide information about potential funding as well as technical assistance to rural, tribal, and other environmental justice communities as they develop energy projects and programs
- **Public Advocate** works on environmental justice, diversity, equity, and inclusion policies in the energy sector with a focus on HB 4077 (2022) and the Environmental Justice Council.
- **RARE Member** works on rural energy coordination (2022-2023)
  - Works with network of state and non-profit partners on energy efficiency and renewable energy projects
  - **RARE members can be a resource for you to achieve your energy goals and you are encouraged to apply to be a host!**

https://rare.uoregon.edu/

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NEW PROGRAMS AND PARTNERSHIPS

- **Solar for All Federal Grant** helps provide information about potential funding as well as technical assistance to rural, tribal, and other environmental justice communities as they develop energy projects and programs
- **HB 3630** establishes a new program at ODOE to provide $50,000 grants to each Oregon county to support energy resilience planning.
- **HB 3409** establishes a new program at Oregon Health Authority to provide grants for community resilience hubs.

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Let’s stay in touch!

- *Reach out to…*
  - Learn more about ODOE incentives, energy policy and technologies
  - Provide feedback on federal programs
  - Share project ideas and resource needs
  - And more!

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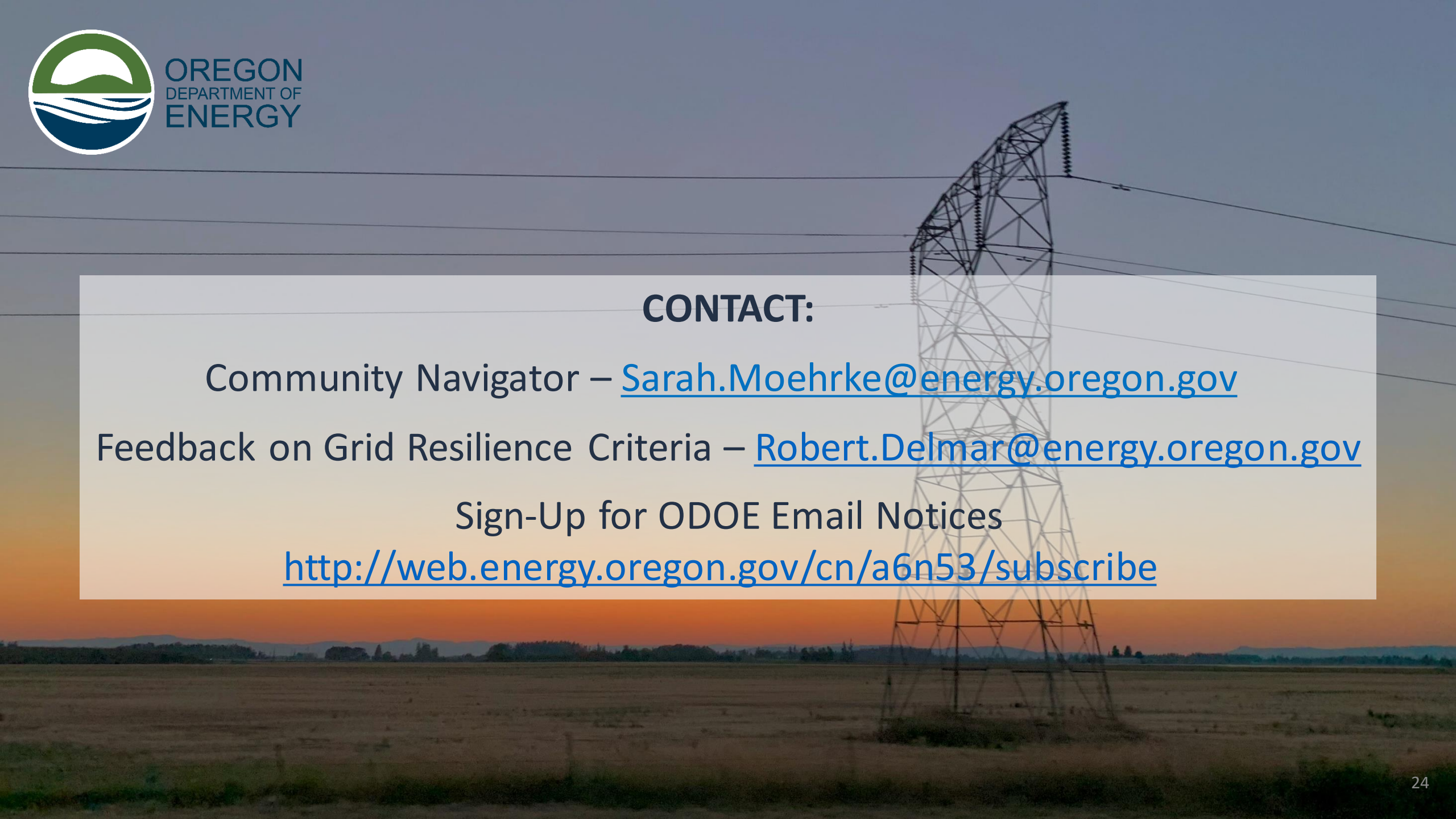

CONTACT:

Community Navigator – Sarah.Moehrke@energy.oregon.gov

Feedback on Grid Resilience Criteria – Robert.Delmar@energy.oregon.gov

Sign-Up for ODOE Email Notices
http://web.energy.oregon.gov/cn/a6n53/subscribe

Resiliency

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What are Resilience & Reliability?

They mean keeping the power on day-to-day and during extreme events

Resilience

the capacity to withstand or to recover quickly from difficulties; toughness.

Resilience in energy: preparedness of the system and its ability to cope with various hazards that can disrupt electricity.

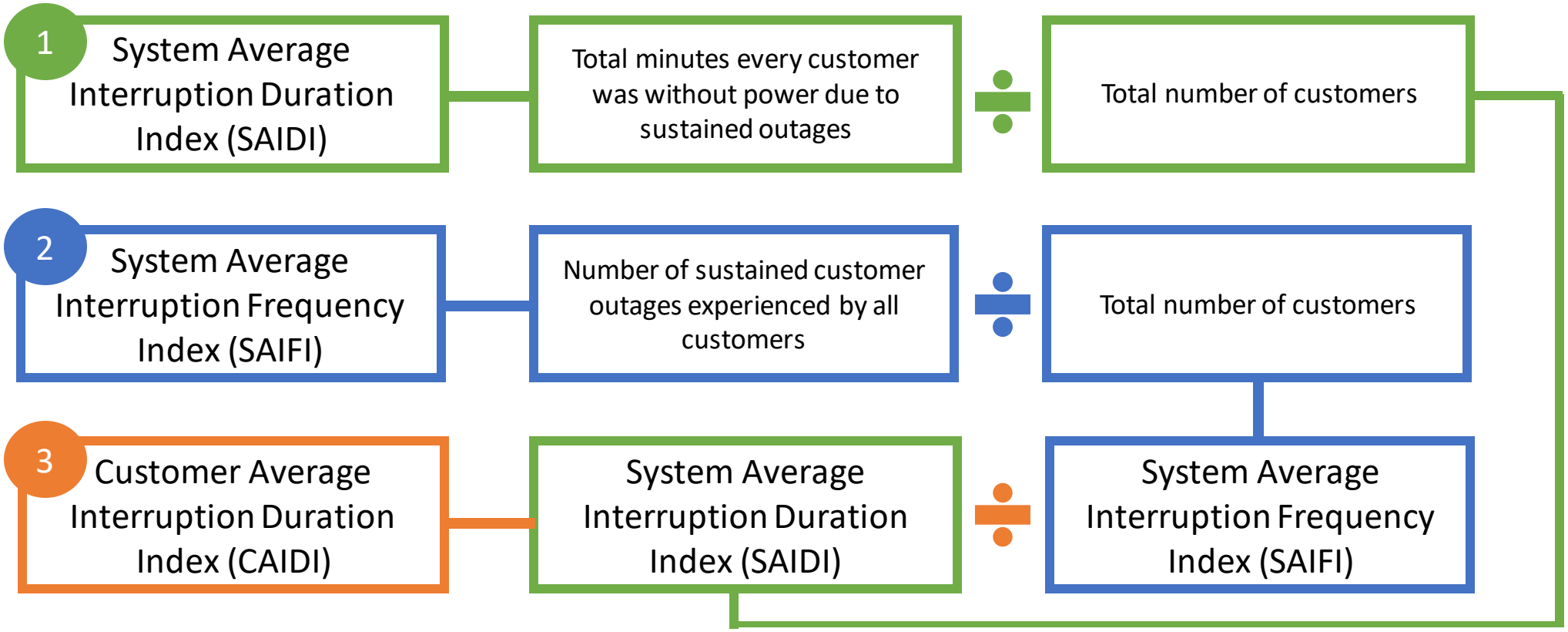
Reliability

the quality of being trustworthy or of performing consistently well

Reliability in energy: availability of the electric system when it is needed.

Measuring Reliability

Three traditional metrics used for reliability

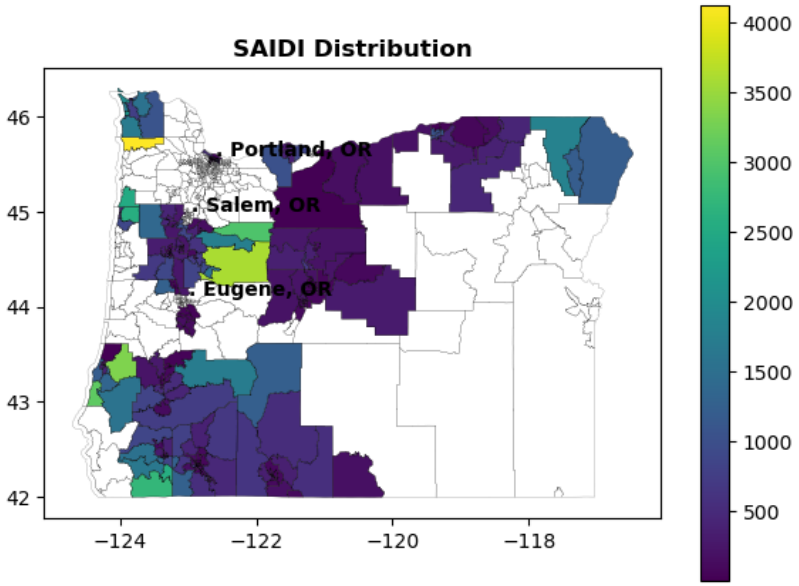


** **Note**: These metrics can be calculated at many spatial scales! **

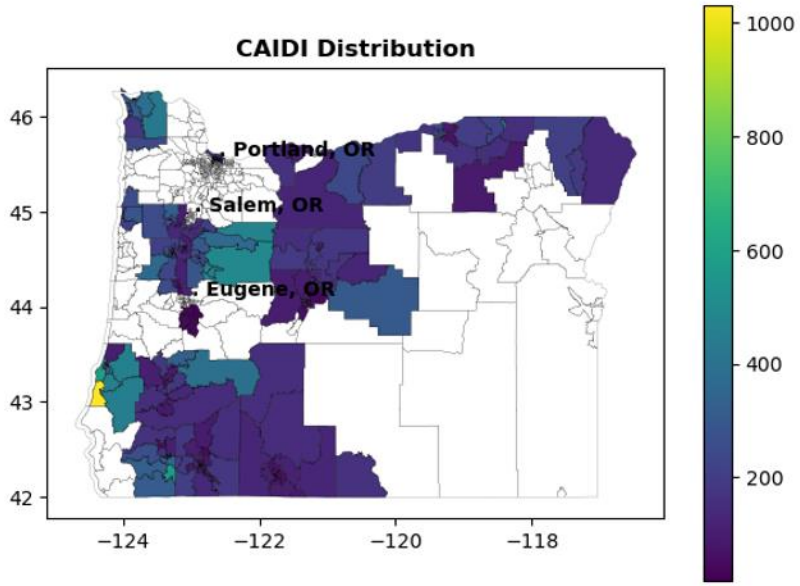
Reliability Metrics per Census Tract

Reliability metrics per census tract in 2022

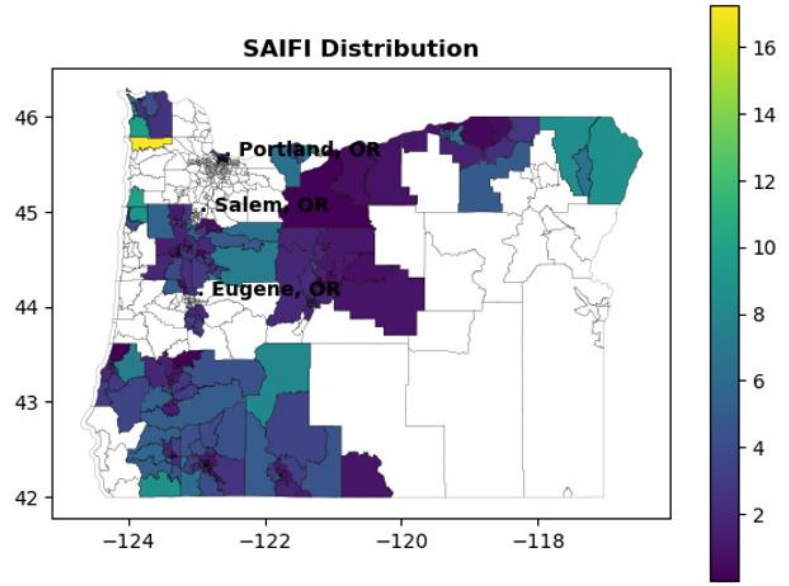
SAIDI per Census Tract (2022)



CAIDI per Census Tract (2022)



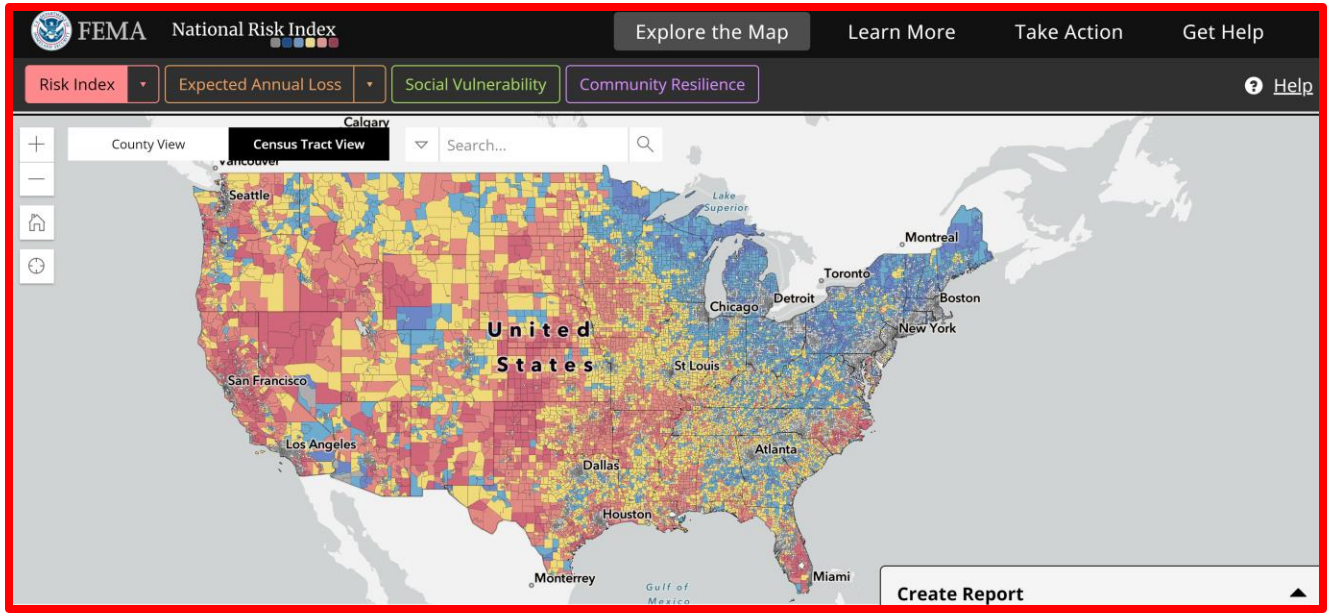
SAIFI per Census Tract (2022)



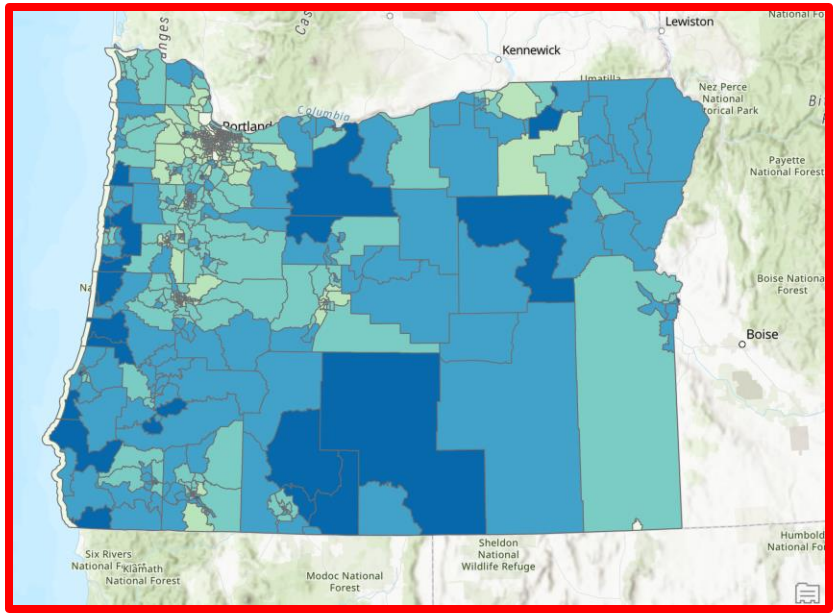
SAIDI = System Average Interruption Duration Index
CAIDI = Customer Average Interruption Duration Index
SAIFI = System Average Interruption Frequency Index

National Risk Index (NRI)

The National Risk Index (NRI) is a dataset produced by the Federal Emergency Management Agency (FEMA) at the census tract level. It includes information on social vulnerability, resilience, susceptibility to natural disasters and other pertinent information.



Social Vulnerability Score (Oregon)



Source: [National Risk Index for Natural Hazards | FEMA.gov]

Calculating Community Resilience

BRIC

Baseline Resilience Indicators for Communities

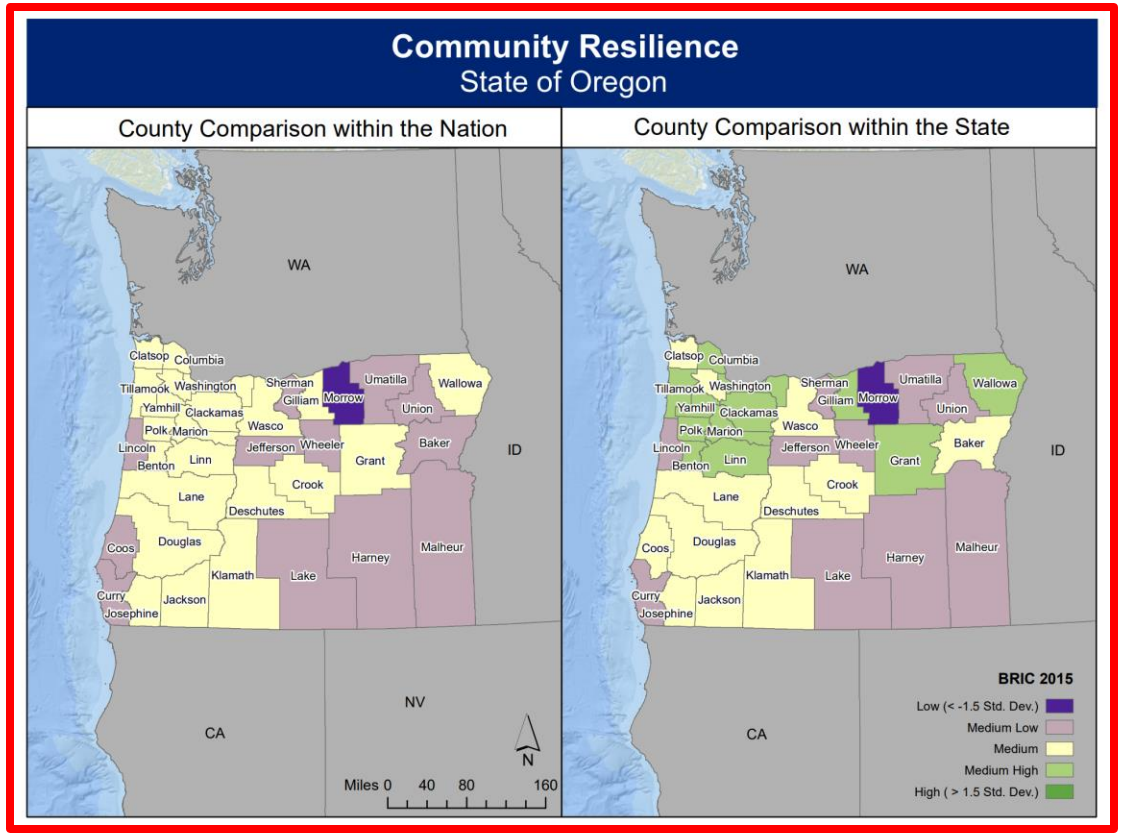
Community resilience (BRIC) is calculated using 49 variables in these grouping categories:

Variable Grouping Categories
Human Well-Being/Cultural/Social
Economic/Financial
Infrastructure/Built Environment/Housing
Institutional/Governance
Community Capacity
Environment/Natural

SOURCE: Table 4: Variable categories used for community resilience.

Mapping of Composite

Community Resilience per County (Oregon)



Social Vulnerability – What Variables are Used?

Social Vulnerability (SOVI) is calculated using 29 total variables in these grouping categories:

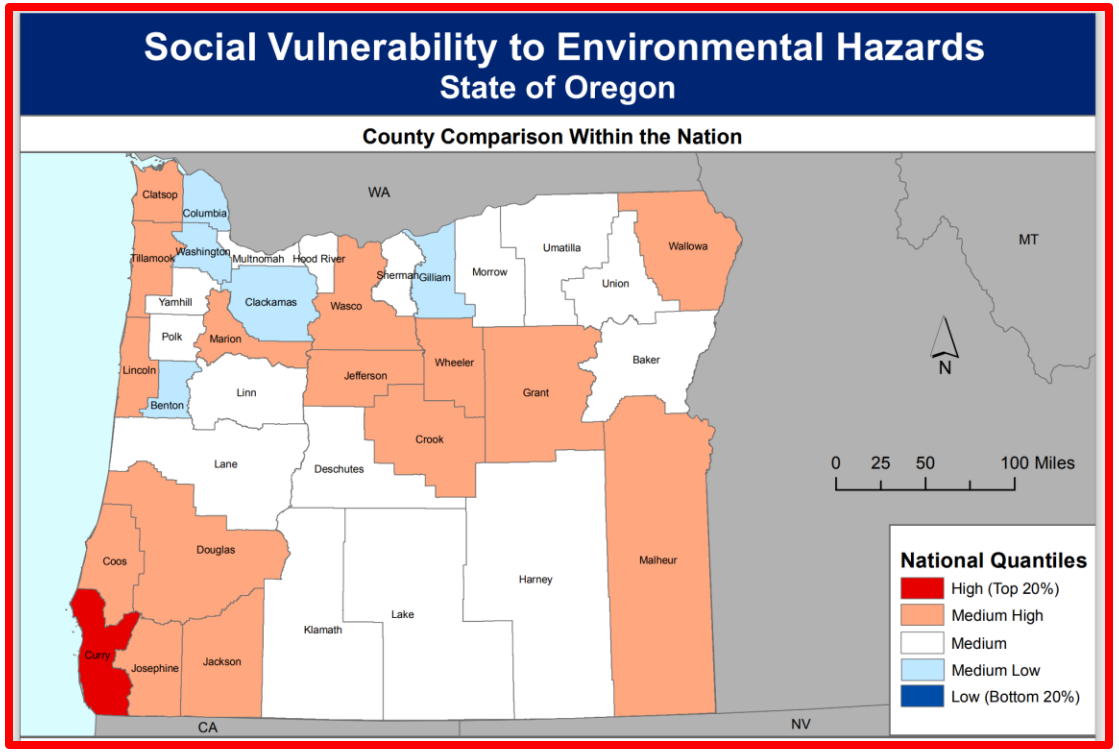
Socioeconomic Variable Groupings
Wealth
Race
Age
Ethnicity
Special Needs
Gender
Service Sector Employment

SOURCE: Table 2: Variable categories used for SOVI.

Mapping of Composite

SoVI® — Social Vulnerability Index

Social Vulnerability per County (Oregon)



Reliability and NRI Results (Top 5 Census Tracts)

We associated the resilience, social vulnerability, and reliability data to each census tract to assess the link between these metrics.

Table 1: Reliability and NRI Data for Top 5 Census Tracts (lowest reliability).

Census Tract I.D.:	County:	SAIDI:	CAIDI:	SOVI Rating:	SOVI Score:	RESL Rating:
41057960100	Tillamook	4,126	239	Relatively Moderate	34.86	Relatively Moderate
41043030300	Linn	3,595	494	Relatively Moderate	33.08	Relatively Moderate
41011000200	Coos	3,334	459	Relatively High	35.16	**Relatively Low**
41011001000	Coos	3,095	1,031	Relatively High	37.39	**Relatively Low**
41047010600	Marion	2,967	473	Relatively High	35.64	Relatively Moderate

CAIDI = Customer Average Interruption Duration Index
SAIDI = System Average Interruption Duration Index
RES = Resilience
SOVI = Social Vulnerability

Resilience Summary

Findings

- We did not identify a strong correlation between social vulnerability and resilience and the reliability metrics.
- These findings indicate that there is “something” there that we need to continue to flesh out.
- Findings show we need to continue with newer datasets and get SME input on potentially important variables.

Expected Next Steps

- Additional analysis with new demographic data from the U.S. Census Bureau (education, poverty rate, health)
- Develop composite resilience scores for each circuit and census tract
- Finalize strategy to incorporate resilience analysis into project planning and prioritization

Resilience – Timeline

Overview: Below is a timeline for resilience related milestones and the current status of the work. Milestones correspond to the current & next steps work on the previous slide.

Milestone:	Target Completion:	Notes:
➢ Complete utility resilience analysis	3/1/23	✓ **Complete**
➢ Complete community resilience analysis	7/1/23	✓ **Complete**
➢ Develop composite community-utility resilience scores	8/1/23	▪ **In progress**
➢ Complete major event root cause analysis for high-risk areas	12/1/23	▪ **In progress**
➢ Incorporate community-utility resilience scores and risk drivers into CEP program planning	3/1/24	▪ **In progress**
➢ Monitor community-utility resilience scores for trend analysis and program improvement	Ongoing	▪ **In progress**

Discussion Point

What additional information should be expanded upon to help your understanding and feedback on this approach?

Break

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Community Based Renewable Energy (CBRE) Input

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Clean Energy Plan's CBRE Core Commitments

1. **Continued Assessment of Needs and Opportunities (Expand the CBRE Potential Study)**
   - Continue to advance CBRE initiatives through community input and engagement groups
   - Develop and conduct **a survey** to further assess **community interest** in CBRE projects and initiatives
   - Update CBRE Action Plan based on continued learnings on CBRE project development

2. **Develop straw proposal for expansion of the Community Resilience Battery Storage Pilot** focused on community resilience hubs and opportunities for better CBRE understanding

3. **Explore opportunities to leverage public funding** to advance CBRE opportunities

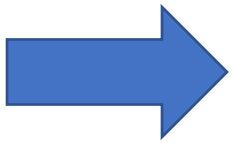
4. **Build tools and awareness to assist communities and stakeholders** in connecting to CBRE processes, initiatives, and programs as they develop

Straw Proposal for Grant Pilot Expansion

Current Battery Storage Grant Pilot for Critical Facilities in OR

Offering #1: feasibility studies to assess and recommend possible battery systems (and pricing)

Offering #2: Grant awards to fund purchase and installation of a battery system



Proposed CBRE Grant Pilot for Critical Facilities in OR
(must include renewable energy)

Offering #1: feasibility studies to assess and recommend possible **solar + storage** systems (and pricing)

Offering #2: Grant awards to fund purchase and installation of a **solar + storage** system

Considerations/Topics for Input

- How should we focus initial efforts
- Focus on "depth or breadth"
- Utilization of resilience metrics
- Consideration of external funding opportunities
- Best way to gauge community interest in CBRE opportunities (CBRE "survey")

Areas for Oregon Community Feedback/Input

We are expanding feedback channels for CBRE input, including launching this survey that has the following questions:

1. **Can you recommend ways that PacifiCorp can more effectively assess community interest in CBRE projects over time?**
2. **Do you have suggestions on how PacifiCorp can increase input from *all* communities?**
3. **How would you like to engage and provide feedback in this process moving forward? Do you have any examples of successful engagement approaches?**
4. **Are there specific tools you recommend to use to solicit input (e.g., email, web surveys, direct engagement, etc.)?**
5. **Should anything else be included in this survey?**

ENGLISH: https://forms.office.com/r/sVcHxXKVLe
SPANISH: https://forms.office.com/r/iy0hZcN3mk

Please provide input by August 1, 2023

Please use the next few minutes to complete the CBRE Input Form

ENGLISH: https://forms.office.com/r/sVcHxXKVLe
SPANISH: https://forms.office.com/r/iy0hZcN3mk
Please provide input by August 1, 2023

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Small Scale Renewable Procurement Update

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Resource Planning

As a natural outgrowth of PacifiCorp's decarbonization trajectory over the past several IRP cycles, PacifiCorp's 2023 IRP positions the company to comply with HB 2021's decadal requirements

Over the 20-year planning horizon, PacifiCorp expects to add:

- 9,114 MW of new wind generation
- 7,855 MW of new solar generation
- Over 1,000 miles of new transmission assets to access renewable generation
- 500 MW of advanced nuclear generation from the Natrium™ demonstration project,
  - Plus, an additional 1,000 MW of advanced nuclear generation
- 1,240 MW of non-emitting peaking resources

Developing the last two technologies will be critical to manage the transition from our coal/gas resources and minimize impacts to our employees and communities

Small-Scale Renewable (20 MW or less) requirement is 10 percent of the company's generation portfolio for Oregon

- Approximately 4.6 percent of this requirement may be met with existing small-scale renewable resources
- PacifiCorp will need to procure an additional ~5.4 percent, or 490 MW
  - This gap is anticipated to grow to 802 MW

PacifiCorp's 2023 Integrated Resource Plan (IRP) provides the basis for analyzing HB 2021 requirements. This system-wide portfolio ensures that Oregon customers retain the benefits of multistate system planning and operations, that provides both access to West-wide resources and markets and mitigates risk through the delivery of reliable energy from a broad range of lower-cost resources

Procurement

Utility Scale

- 2023-2024 All-Source Request for Proposals
  - Aligns with needs identified in 2023 IRP
  - Designed to acquire and evaluate specific energy supply resources through the end of 2028

Small-Scale Renewables

- 490 MW need by 2030
- Anticipate issuing a Small-Scale Request for Proposals with bids due late 2024 or early 2025

CBIs/Metrics

- The Interim Community Benefit Indicator associated with procurement is increase community focused efforts and investments, which will be tracked using the metric of resource development workforce and diversity spend

NOTE: Resources that participate in the next generation interconnection cluster study could be contracted in the year 2025 with a COD by December 31, 2028. The participation window will be open from April 1 to May 15, 2024. PacifiCorp recommends that developers determine interconnection requirements as soon as possible so that projects can interconnect and reach commercial operation by 2030

All new resources are required to have an interconnection study that outlines an interconnection schedule consistent with the proposed commercial operation date of the resource. PacifiCorp's small generator (20 MW or less) interconnection process is identified in its OATT. https://www.oasis.oati.com/ppw/index.html

Request for Proposals (RFP) Process Steps	Standard all-source (AS) RFP schedule (hypothetical)	Small-scale renewable (SSR) proposed – starting 9/30/23	Comment
Open Oregon docket and notify market	06/30/2023	09/30/2023	Start later, shorter duration
Hire Independent Evaluator (IE)	09/02/2023	10/14/2023	Leverage prior RFPs
Final RFP with Oregon commission	12/09/2023	11/25/2023	Informational; public comment completed in CEP engagement
Issue RFP to market and publicize	03/24/2023	11/26/2023	More time for bid prep
Cluster study window closes	05/16/2024	05/16/2024	Same
Cluster study results	11/12/2024	11/12/2024	Same
Benchmark and market bids received	11/21/2024 01/12/2025	11/27/2024 11/27/2024	Combined, single deadline
Bid evaluation complete	04/07/2025	02/05/2025	Avoids benchmark process and PLEXOS durations
File IE report and FSL with Oregon commission	06/23/2025	03/17/2025	No sensitivities; no public comment
Complete contract negotiations	11/15/2025	04/07/2025	Standard contract
Guaranteed commercial operations date	12/30/2028	12/30/2028	

Process Step	2022AS RFP	SSR - proposed
Bid Fees	Bids up to 5 MW: $1,000 per MW base bid Bids > 5MW: $15,000 per base bid fee Free and reduced-price bid alternatives available	To be determined after incorporating feedback. All PPA bids must be fixed price, 25-year term
IE	PA Consulting contract > $1m	No change
Security	Project Development Security: $200.00/KW Performance Security: $100.00/KW LC, cash or parent guarantee	To be determined after incorporating feedback.
Price Scoring	Provided by PLEXOS	Provided by excel cost model.
Non-price Scoring	7% of non-price score (1.7 out of 25 points) attributable to equity criteria (local labor, MBE/WBE contractors and suppliers) 20% attributable to contracting viability 40% attributable to project deliverability	To be determined after incorporating feedback.
Contracting	Negotiated based on proforma redlines	Standard form

Process Step	AS RFP Duration starting Hypothetical	SSR Duration – proposed starting 9/30/23	Comment
IE hiring process	64 days	14 days	No RFP to select IE
Regulatory approval process	217 days	42 days	Includes IE selection process
RFP issuance to bid receipt:	294 days (market bids) →market bids received 52 days after benchmarks	367 days	More notice time for bidders to participate in the cluster study.
Bid evaluation	162 days (all bids) →after separate 51 day benchmark evaluation process	70 days	Benchmark and market bids evaluated together.
Regulatory approval for FSL	82 days	40 days	Simple filing with IE Closing Report
Contract negotiation	77 days	63 days	Relies upon standard contract
Development/ construction period	1,184 days (~3.25 years)	1,322 days (3.6 years)	More time for development and construction

Public Comment

PACIFICORP®
POWERING YOUR GREATNESS

Check Out

What was your biggest takeaway from today's conversation?

CBIAG Calendar

August 17th (Hybrid)
In person:
AllCare Health
1701 NE 7th Street
Grants Pass, Oregon 97526

September 21st (Online)
CBIAG Zoom Registration

For more information:
Oregon Clean Energy Plan Updated Engagement Strategy

PacifiCorp Stakeholder Engagement

Tribal Engagement Series
July 21st (Online)
- Tribal Engagement Zoom

CEP Engagement Series
August 25th (Online)
- CEP Engagement Zoom

Email comments to:
ORCBIAG@pacificorp.com

Appendix

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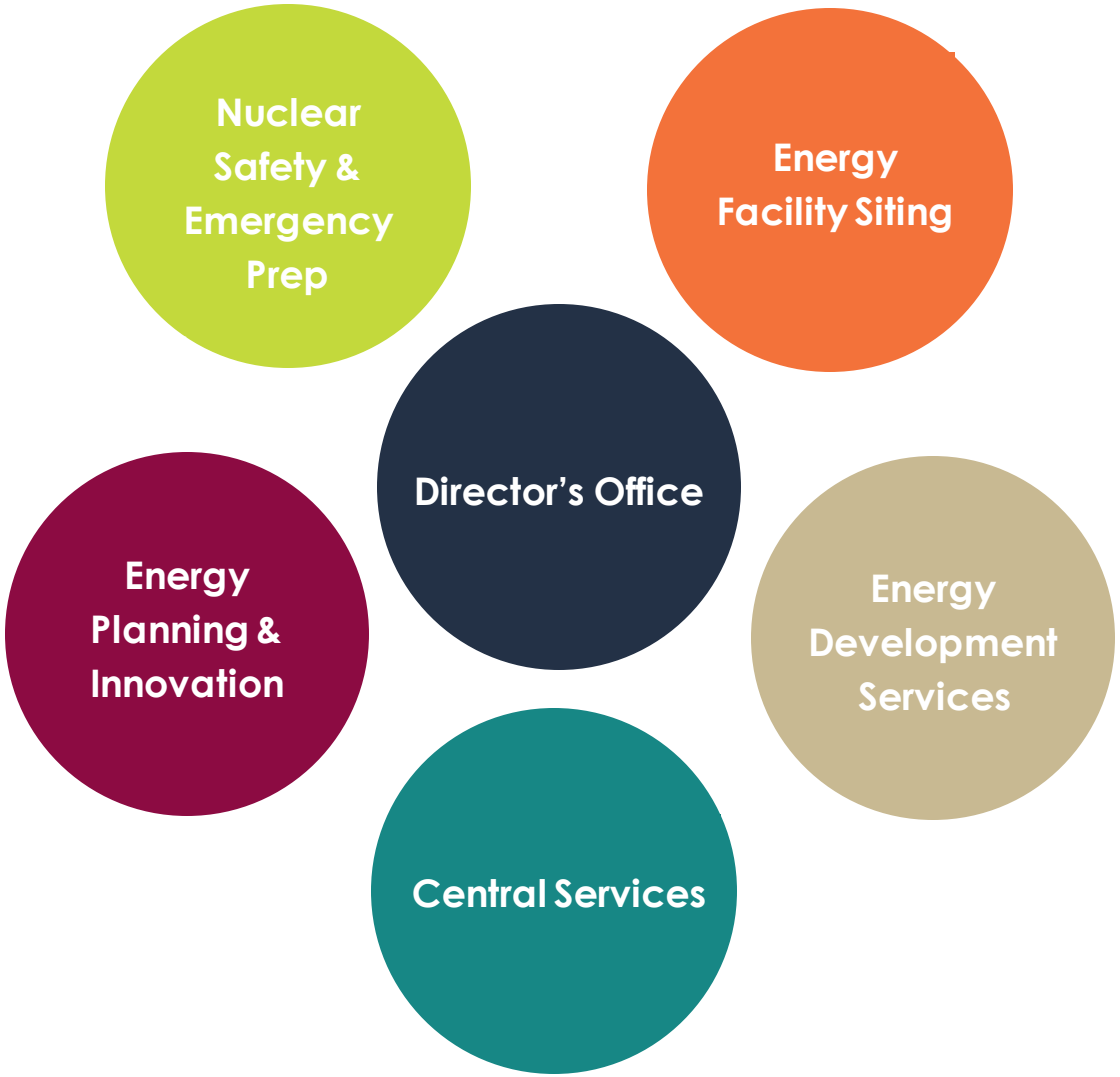
ODOE BACK UP SLIDES

Agency Program Divisions and Standing Councils/Groups

Northwest Power and Conservation Council

Oregon Global Warming Commission



Energy Facility Siting Council

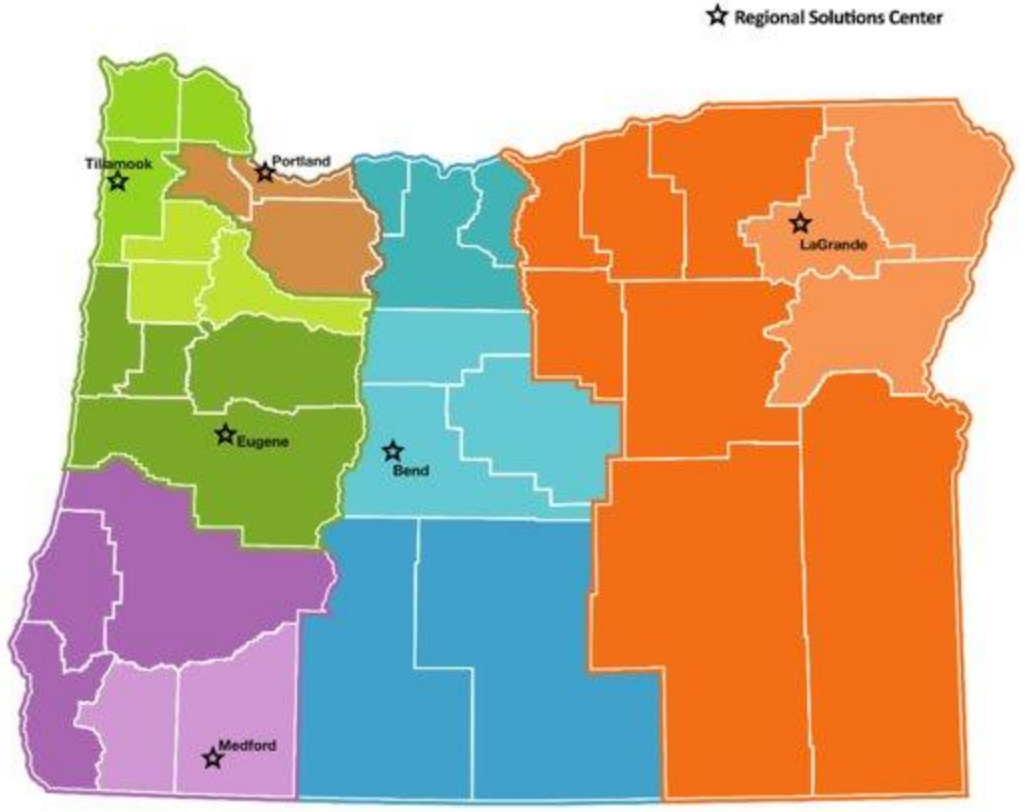
Oregon Hanford Cleanup Board

Energy Advisory Work Group

OREGON DEPARTMENT OF ENERGY

Community Heat Pump Deployment Program

- The Legislature funded a $10 million Community **Heat Pump Deployment Program**
- Contract with one eligible entity for each region and one eligible entity for each federally recognized Tribe in Oregon.
- **Eligible entities include:**
  - Local government
  - Local housing authority
  - Nonprofit organization
  - Federally recognized Tribe in Oregon
  - Coordinated care organization
  - Community action agency
  - Manufactured dwelling park nonprofit cooperative
  - Electric utility



https://www.oregon.gov/energy/Incentives/Pages/CHPDP.aspx

OREGON DEPARTMENT OF ENERGY

Studies and Reports Library

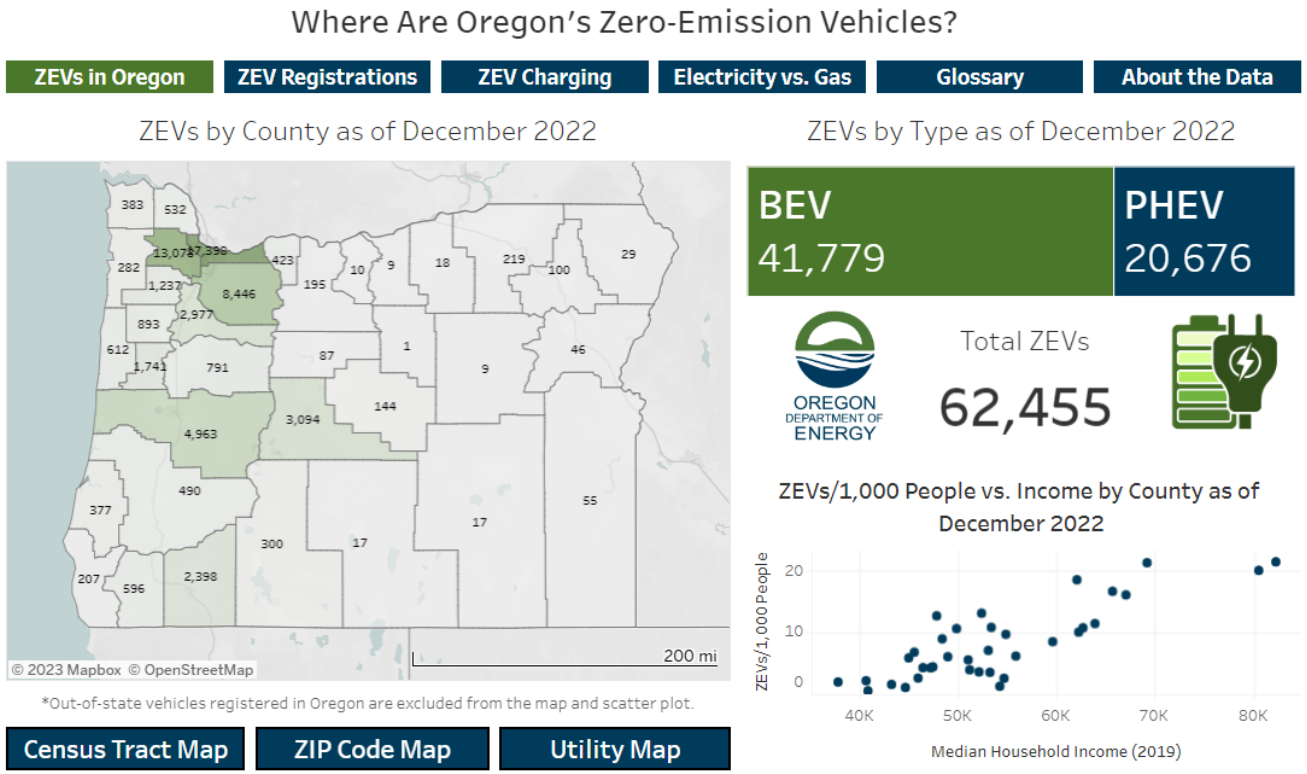
- Recent Reports:
  - 2021 Biennial Zero Emission Vehicle Report
  - 2021 Regional Transmission Organization Study
  - 2022 Biennial Energy Report
  - 2022 Renewable Hydrogen Study
  - 2022 Floating Offshore Wind Study
  - 2022 Small-Scale and Community Renewable Energy Projects Study
- Inform local, state, regional, and federal energy policy development and energy planning and investments.
- Collect and analyze energy data and information.
- Review energy resources, policies, trends, and forecasts – and what they mean for Oregon.
- Outline recommendations, including the 2022 BER recommendation to develop a statewide energy strategy.

www.tinyurl.com/ODOE-Studies

OREGON DEPARTMENT OF ENERGY

Electric Vehicle Dashboard

- Dashboard shows EV adoption rates dating back to 1995, popular EV models, charging information, and more.
- Drill down to see EVs by type and county location, as well as number of EVs per 1,000 residents and the area's median income.
- Provides a cost and GHG savings calculator for Oregonians considering the switch.



https://www.oregon.gov/energy/Data-and-Reports/Pages/Oregon-Electric-Vehicle-Dashboard.aspx

OREGON DEPARTMENT OF ENERGY

Oregon Renewable Energy Siting Assessment Project (ORESA)

- Funded by a $1.1 million grant from the U.S. Department of Defense
- Developed in partnership with OSU-Institute for Natural Resources and DLCD, with feedback from agencies, tribes, industry, and community groups
- Published in 2022 on Oregon Explorer
- Interactive online reporting and mapping tool combines data on renewable energy, military training areas, economic development, land use, natural resources, community characteristics, and other important considerations
- Helps local governments, Tribes, communities, policymakers, agencies, energy developers, and other stakeholders access information to support conversations around potential renewable energy in Oregon

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