

OREGON ENERGY SECURITY PLAN

Outreach and
Engagement Kickoff
Meeting

October 16, 2023



- **Logistics**
 - Dr. Casey Steadman – CNA Research Analyst
- **Welcome and Opening Comments**
 - Janine Benner – ODOE Director
 - Megan Levy – USDOE Office of Cybersecurity, Energy Security, and Emergency Response
- **About the Oregon Department of Energy**
 - Max Woods – ODOE Energy Security Plan Oversight
- **About the Energy Security Plan**
 - Deanna Henry – ODOE Energy Security Plan Project Manager
- **Your Role in the Energy Security Plan**
 - Tom Sicilia, RG – ODOE Energy Security Plan Contract Manager
- **Break**
- **About the Engagement and Facilitation Strategy**
 - Dr. Casey Steadman – CNA Research Analyst
- **Energy Insecurity Stories**
- **Survey**

- Logistics
 - Meeting is being recorded
 - Microphones are disabled
 - Chat is closed
 - However, we want to hear from you. Two easy ways to send us anything you think we should know:
 - Email energy.security@energy.Oregon.gov
 - Use our comment portal at <https://odoe.powerappsportals.us/en-US/espcomments/>
(or scan the QR code)



<https://tinyurl.com/OESP-info>

Welcome

About the



OREGON DEPARTMENT OF ENERGY

LEADING OREGON TO A SAFE, EQUITABLE, CLEAN, AND SUSTAINABLE ENERGY FUTURE

Our Mission

The Oregon Department of Energy (ODOE) 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, ODOE 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

NUCLEAR SAFETY AND EMERGENCY PREPAREDNESS (NSEP) DIVISION: AUTHORITY

NSEP Mission

Oregon Revised Statutes (ORS) 469.533 – Develop and maintain statewide contingency plan in response to radiological releases with potential impacts to Oregon

ORS 176.750-785 – Develop and maintain a statewide contingency plan in response to petroleum shortages with potential impacts to Oregon

ESF 12: Energy

ESF 12 Liquid Fuels Lead – Responsible for ensuring adequate fuel supplies are available to support statewide response and recovery activities during emergencies

Expanded Role – State Energy Security Planning Lead

What is Energy Security?

To ensure a reliable and resilient supply of energy at an affordable price – through efforts to identify, assess, and mitigate risks to energy infrastructure and to plan for, respond to, and recover from events that disrupt energy supply

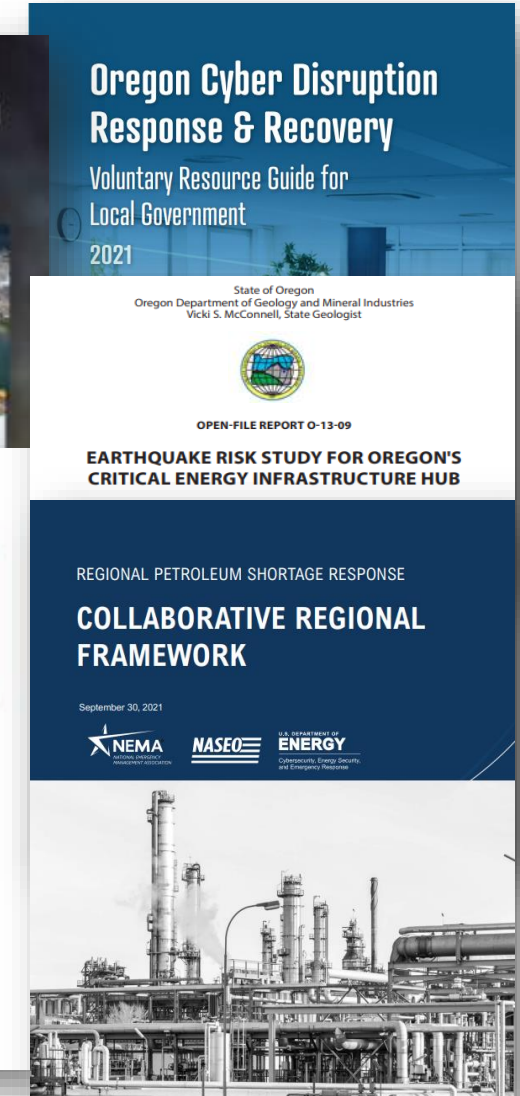
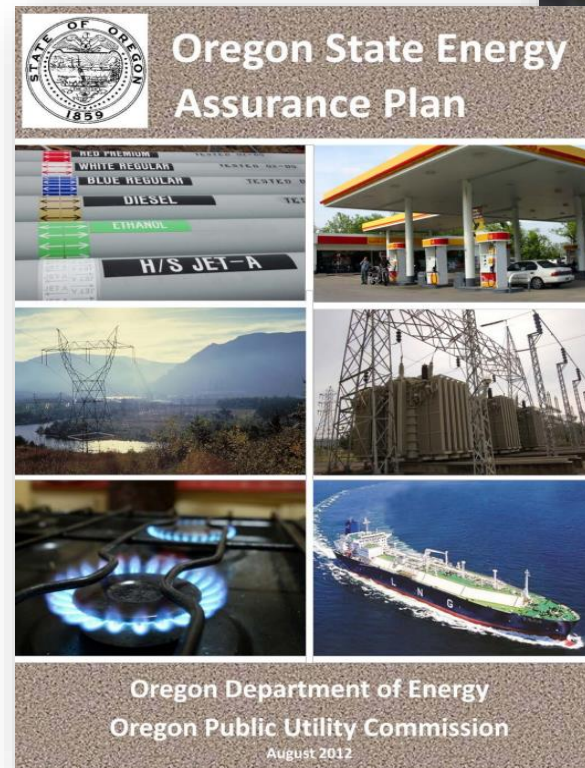


Oregon Energy Security Plan (ESP) History



New Oregon ESP Development in Progress

- Last significant revision completed in 2012 with funds from the American Recovery and Reinvestment Act
- Related content continued to evolve in other plans, studies and publications over time





STRATEGY

Bring together all relevant energy information into a single plan that evaluates Oregon's energy security status and provides a roadmap to achieving energy security and resilience over time

About the



OREGON ENERGY SECURITY PLAN

State & Federal Requirements



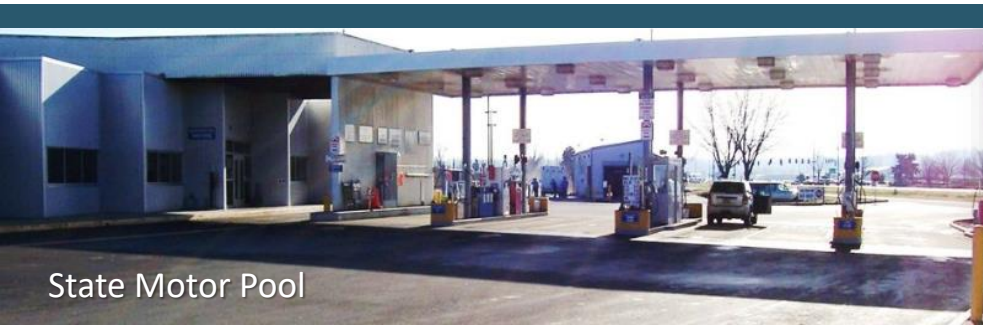
Senate Bill 1567

Sponsored by Senators DEMBROW, MANNING JR, FREDERICK, Representatives DEXTER, EVANS, GRAYBER, PHAM; Senators ARMITAGE, GELSER BLOUIN, GORSEK, JAMA, LAWRENCE SPENCE, PATTERSON, STEINER HAYWARD, TAYLOR, WAGNER, Representatives ALONSO LEON, CAMPOS, GOMBERG, HELM, HOLVEY, HUDSON, NATHANSON, NELSON, NOSSE, POWER, REARDON, REYNOLDS, RUIZ, SANCHEZ, SCHOUTEN, WITT (Presession filed.)

1. Address all energy sources
2. Provide state energy profile
3. Address energy sector hazards and vulnerabilities
4. Assess risks to energy sectors & cross-sector interdependencies
5. Provide risk mitigation approach
6. Address:
 - Multi-state/regional coordination, planning, and response
 - Planning and response coordination with Tribes
 - Mutual assistance in cyber and physical response plans

SB 1567 – Recommend Strategy to Increase Geographic Diversity of Fuel Storage in Oregon

- Prioritize most vulnerable and isolated communities to Cascadia impacts
- Assess viability of expanding storage capacities at public facilities
- Consider working with private-sector to expand storage capacities at existing fuel sites
(companies must support state response - recovery efforts)
- Evaluate seismic resilience of existing fuel storage facilities considered for expansion
- Identify-mitigate barriers to implement geographically distributed fuel network



State Motor Pool



ODOT Maintenance Yard



City of Corvallis Public Works



Foundational Information Critical to Energy Security

- Key energy security agencies and organizations
- Overview of Oregon's emergency response structure and energy emergency plans
- Coordination with federal, state, local, tribal, and private sector partners
- Oregon's energy profile and supply chains
- Summary of known energy sector threats and mitigation strategies

<https://tinyurl.com/OESP-info>



Submitted to the Oregon Legislature
and the U.S. Department of Energy

September 2024

Next Steps

- Conduct stakeholder engagement
- Conduct energy infrastructure risk assessment
- Develop mitigation approach

ESP SUBMISSION DEADLINES	DATE
Draft ESP to USDOE for review and input	9-30-23 <i>(Submitted)</i>
Draft ESP to legislators for review and input (SB 1567)	6-01-24
Final ESP submission to USDOE/legislators with Governor's certification letter	9-30-24
Ongoing annual ESP submissions to USDOE with updates as needed	9-30-25 <i>(and beyond)</i>

Your Role in the



ENERGY SECURITY PLAN

Data Collection: What is Missing?



We have collected the readily available data and plans from state and federal government agencies as part of the draft 2023 submittal.

Over the next six months or so, we want to cast a broader net.

That's where you can help.

Some examples of information that would be helpful

- Energy insecurity stories
- Emergency response plans
- Risk assessments of hazards
- Vulnerability assessments and mitigation strategies
- Energy generation and consumption data
- Anything else that might be useful

What will we do with the information?

- The goal is to synthesize all the plans, stories, and data and look for patterns
 - Do all county mitigation plans in the state have some common elements? Are there regional or multiregional commonalities?
 - Are there specific risks and insecurities that can be easily mitigated, but haven't been considered in the past?
- Sensitive or proprietary data will be handled appropriately, and will not be directly reported

Data Collection: Homework



Two easy ways to send us anything you think we should know:

- Email energy.security@energy.Oregon.gov
- Use our comment portal at <https://odoe.powerappsportals.us/en-US/espcomments/>
(or scan the QR code)



<https://tinyurl.com/OESP-info>

BREAK

Two easy ways to send us anything you think we should know:

- Email energy.security@energy.Oregon.gov
- Use our comment portal at <https://odoe.powerappsportals.us/en-US/espcomments/>
(or scan the QR code)



<https://tinyurl.com/OESP-info>

About the

CNA Engagement & Facilitation Strategy

CNA Team Members



**Facilitation
Lead**

Dr. Casey Steadman, Research Analyst

Responsible for leading planning and execution of stakeholder engagement and facilitation activities.

**Support
Analyst**

Andrew Eiswerth, Senior Research Specialist

Responsible for supporting stakeholder engagement and facilitation activities, stakeholder outreach, and data analysis and visualization.

**Support
Analyst**

Heather Marshall, Senior Research Specialist

Responsible for supporting stakeholder engagement and facilitation activities and stakeholder outreach and follow-up.

Establishing a group of external stakeholders to guide all aspects of ESP development and implementation is key to ensuring that the ESP reflects the diverse perspectives of the whole community. Pursuant of these goals, this project strives to abide by the following:



Principles

- Promote openness
- Encourage diverse viewpoints
- Foster mutual trust

Regions and Tribes



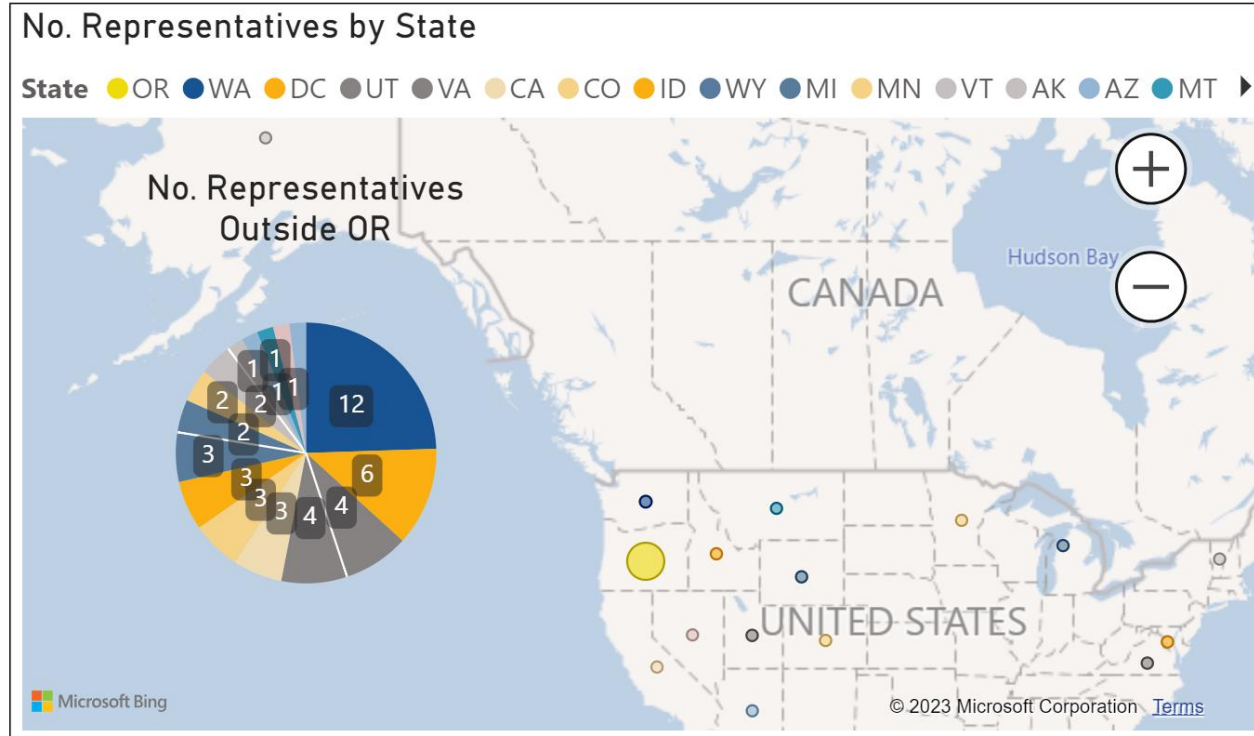
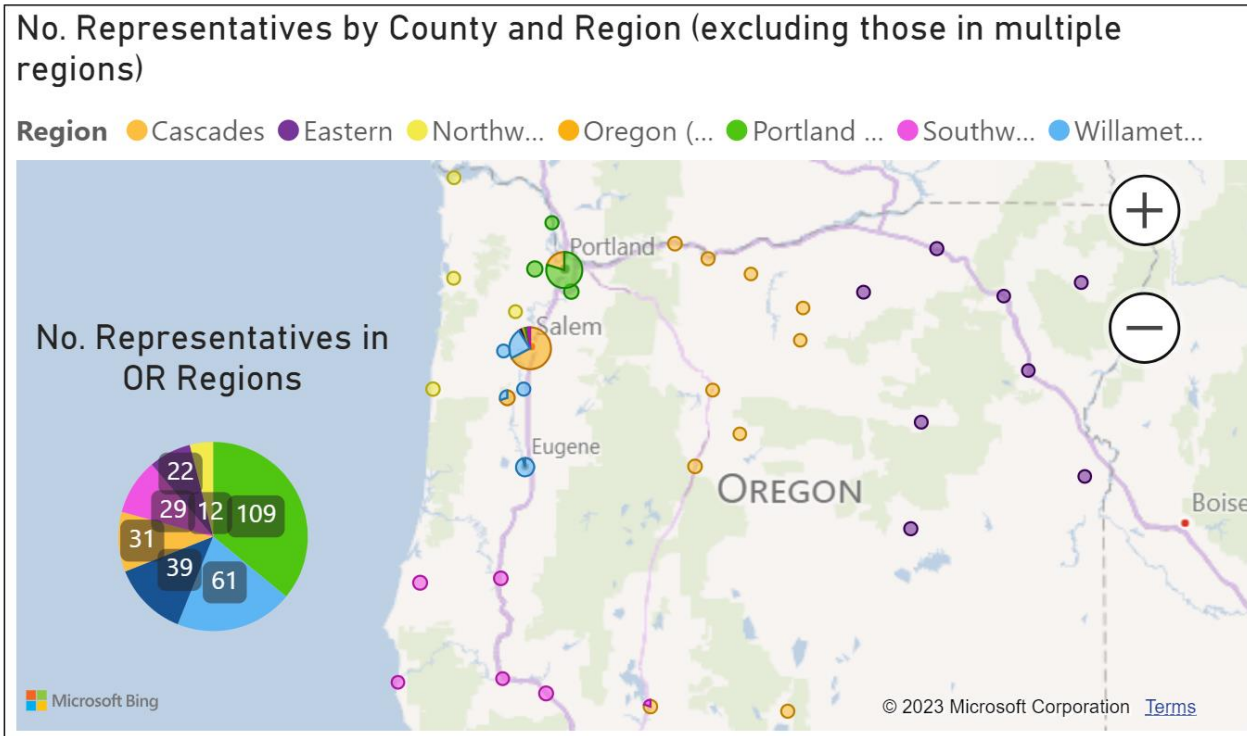
Note: Arrows represent Tribal HQ locations.

Stakeholder & Tribal Government Profile

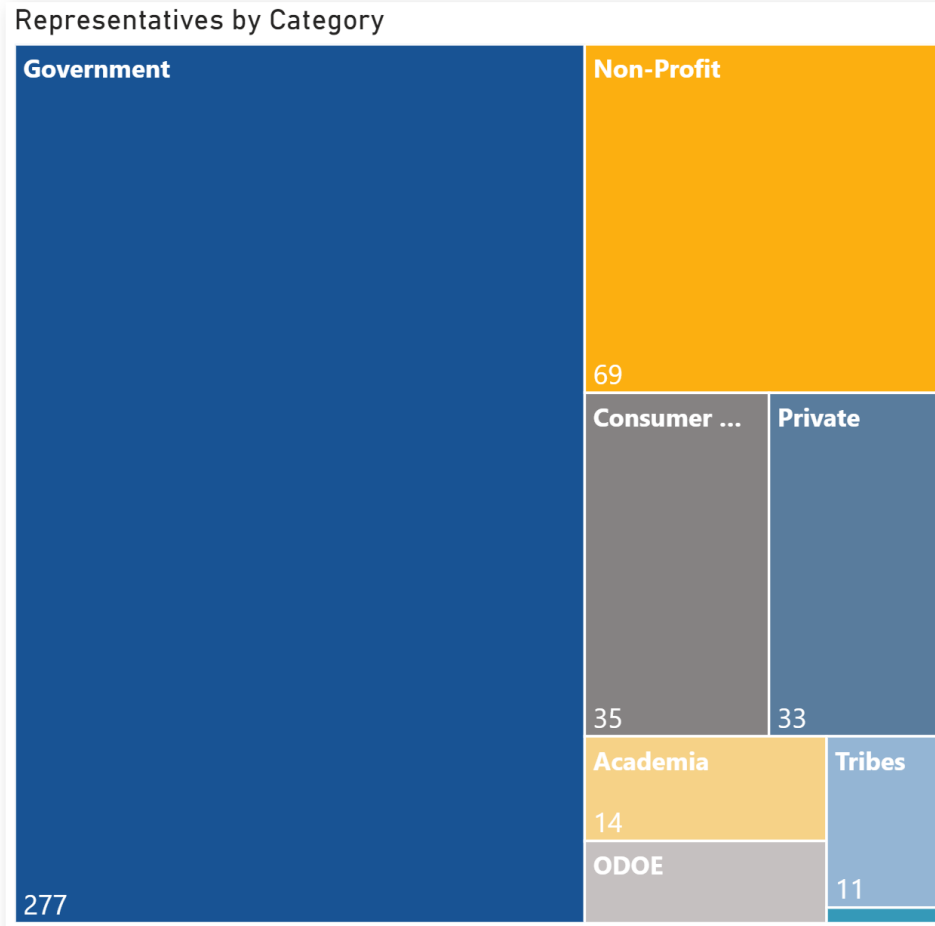
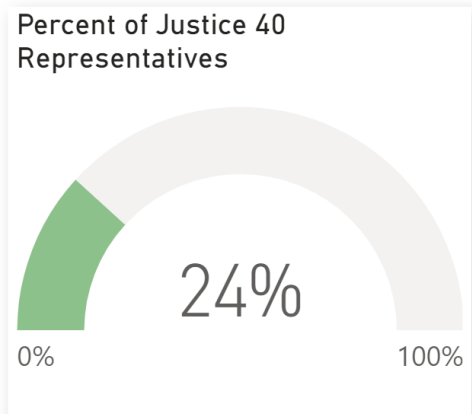


461

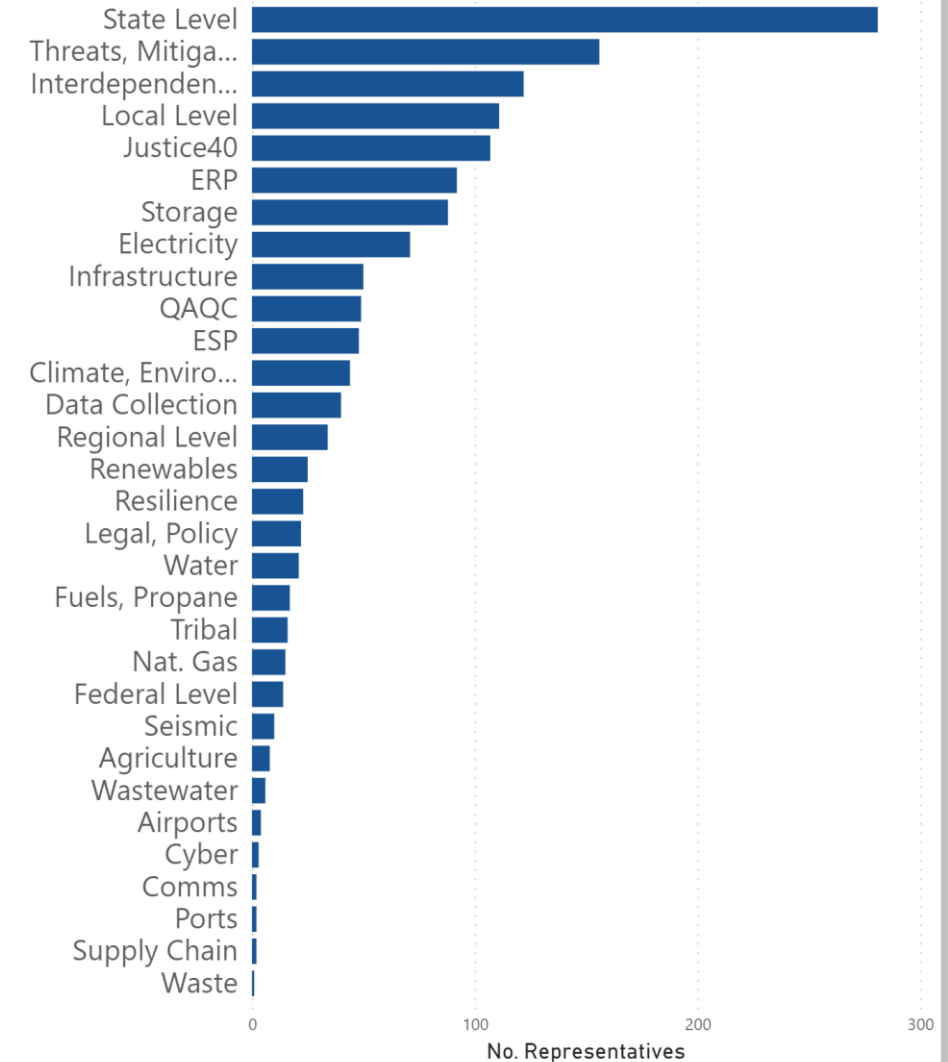
No. Representatives



Stakeholder & Tribal Government Profile



Top Interests



Meetings & Timeline



Meetings	Timeframe											Purpose
	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Jan '24	Feb '24	Mar '24	Apr '24	May '24	Jun '24	
Hybrid stakeholder kickoff												<ul style="list-style-type: none"> Introduce the project; collect information on: <ul style="list-style-type: none"> Energy data sources Resilience plans Personal energy insecurity stories
Virtual regional meetings – threats												<ul style="list-style-type: none"> Identify threats to Oregon’s energy systems; collect information on: <ul style="list-style-type: none"> Data gap assessment Threats to energy systems
Private sector meetings												<ul style="list-style-type: none"> Identify threats to energy infrastructure with private sector; collect information on: <ul style="list-style-type: none"> Energy data sources Threats to each sector (electricity, petroleum, natural gas)
SB 1567 virtual meeting												<ul style="list-style-type: none"> Identify fuel vulnerabilities and resiliency strategies; collect information on: <ul style="list-style-type: none"> Recommended fuel sites for increasing storage capacity
Virtual regional meetings - risk assessment												<ul style="list-style-type: none"> Validate quantified risks, mitigation measures, & fuel storage locations; collect information on: <ul style="list-style-type: none"> Validated risks to energy systems Mitigation measures Fuel sites for increasing storage capacity

Draft RMMs

Meetings & Timeline



Meetings	Timeframe											Purpose
	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Jan '24	Feb '24	Mar '24	Apr '24	May '24	Jun '24	
Hybrid stakeholder kickoff												<ul style="list-style-type: none"> Introduce the project; collect information on: <ul style="list-style-type: none"> Energy data sources Resilience plans Personal energy insecurity stories
Virtual regional meetings – threats												<ul style="list-style-type: none"> Identify threats to Oregon’s energy systems; collect information on: <ul style="list-style-type: none"> Data gap assessment Threats to energy systems
Private sector meetings												<ul style="list-style-type: none"> Identify threats to energy infrastructure with private sector; collect information on: <ul style="list-style-type: none"> Energy data sources Threats to each sector (electricity, petroleum, natural gas)
SB 1567 virtual meeting												<ul style="list-style-type: none"> Identify fuel vulnerabilities and resiliency strategies; collect information on: <ul style="list-style-type: none"> Recommended fuel sites for increasing storage capacity
Virtual regional meetings - risk assessment												<ul style="list-style-type: none"> Validate quantified risks, mitigation measures, & fuel storage locations; collect information on: <ul style="list-style-type: none"> Validated risks to energy systems Mitigation measures Fuel sites for increasing storage capacity



Draft RMMs

Meetings & Timeline



Meetings	Timeframe											Purpose
	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Jan '24	Feb '24	Mar '24	Apr '24	May '24	Jun '24	
Hybrid stakeholder kickoff												<ul style="list-style-type: none"> Introduce the project; collect information on: <ul style="list-style-type: none"> Energy data sources Resilience plans Personal energy insecurity stories
Virtual regional meetings – threats												<ul style="list-style-type: none"> Identify threats to Oregon’s energy systems; collect information on: <ul style="list-style-type: none"> Data gap assessment Threats to energy systems
Private sector meetings												<ul style="list-style-type: none"> Identify threats to energy infrastructure with private sector; collect information on: <ul style="list-style-type: none"> Energy data sources Threats to each sector (electricity, petroleum, natural gas)
SB 1567 virtual meeting												<ul style="list-style-type: none"> Identify fuel vulnerabilities and resiliency strategies; collect information on: <ul style="list-style-type: none"> Recommended fuel sites for increasing storage capacity
Virtual regional meetings - risk assessment						Draft RMMs						<ul style="list-style-type: none"> Validate quantified risks, mitigation measures, & fuel storage locations; collect information on: <ul style="list-style-type: none"> Validated risks to energy systems Mitigation measures Fuel sites for increasing storage capacity



Meetings & Timeline



Meetings	Timeframe											Purpose
	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Jan '24	Feb '24	Mar '24	Apr '24	May '24	Jun '24	
Hybrid stakeholder kickoff												<ul style="list-style-type: none"> Introduce the project; collect information on: <ul style="list-style-type: none"> Energy data sources Resilience plans Personal energy insecurity stories
Virtual regional meetings – threats												<ul style="list-style-type: none"> Identify threats to Oregon’s energy systems; collect information on: <ul style="list-style-type: none"> Data gap assessment Threats to energy systems
Private sector meetings												<ul style="list-style-type: none"> Identify threats to energy infrastructure with private sector; collect information on: <ul style="list-style-type: none"> Energy data sources Threats to each sector (electricity, petroleum, natural gas)
SB 1567 virtual meeting												<ul style="list-style-type: none"> Identify fuel vulnerabilities and resiliency strategies; collect information on: <ul style="list-style-type: none"> Recommended fuel sites for increasing storage capacity
Virtual regional meetings - risk assessment												<ul style="list-style-type: none"> Validate quantified risks, mitigation measures, & fuel storage locations; collect information on: <ul style="list-style-type: none"> Validated risks to energy systems Mitigation measures Fuel sites for increasing storage capacity



Draft RMMs

Meetings & Timeline



Meetings	Timeframe												Purpose
	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Jan '24	Feb '24	Mar '24	Apr '24	May '24	Jun '24		
Hybrid meetings with regions and Oregon Tribes									Finalize RMMs				<ul style="list-style-type: none"> Present mitigation measures; collect feedback: <ul style="list-style-type: none"> Ranking mitigation measures
Virtual project wrap-up/roll-out meeting													<ul style="list-style-type: none"> Present ESP to all stakeholders and Oregon Tribal governments





Meetings & Timeline







Meetings	Timeframe												Purpose
	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Jan '24	Feb '24	Mar '24	Apr '24	May '24	Jun '24		
Hybrid meetings with regions and Oregon Tribes									Finalize RMMs				<ul style="list-style-type: none"> Present mitigation measures; collect feedback: <ul style="list-style-type: none"> Ranking mitigation measures
Virtual project wrap-up/roll-out meeting													<ul style="list-style-type: none"> Present ESP to all stakeholders and Oregon Tribal governments





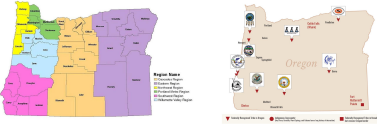
Outreach Strategy

Meetings	Invitees
Hybrid stakeholder kickoff	All
Virtual regional meetings – threats	
Follow-up meetings with private sector representatives	Private sector: (electricity, petroleum, natural gas)
SB 1567 virtual meeting	TBD
Virtual regional meetings - risk assessment	
Hybrid meetings with regions and Tribal Nations	 
Virtual project wrap-up/roll-out meeting	All



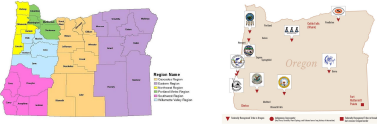
Outreach Strategy

Meetings	Invitees
Hybrid stakeholder kickoff	All
Virtual regional meetings – threats	
Follow-up meetings with private sector representatives	Private sector: (electricity, petroleum, natural gas)
SB 1567 virtual meeting	TBD
Virtual regional meetings - risk assessment	
Hybrid meetings with regions and Tribal Nations	 
Virtual project wrap-up/roll-out meeting	All





Outreach Strategy

Meetings	Invitees
Hybrid stakeholder kickoff	All
Virtual regional meetings – threats	
Follow-up meetings with private sector representatives	Private sector: (electricity, petroleum, natural gas)
SB 1567 virtual meeting	TBD
Virtual regional meetings - risk assessment	
Hybrid meetings with regions and Tribal Nations	
Virtual project wrap-up/roll-out meeting	All

Outreach Strategy

Meetings	Invitees
Hybrid stakeholder kickoff	All
Virtual regional meetings – threats	
Follow-up meetings with private sector representatives	Private sector: (electricity, petroleum, natural gas)
SB 1567 virtual meeting	TBD
Virtual regional meetings - risk assessment	
Hybrid meetings with regions and Tribal Nations	
Virtual project wrap-up/roll-out meeting	All

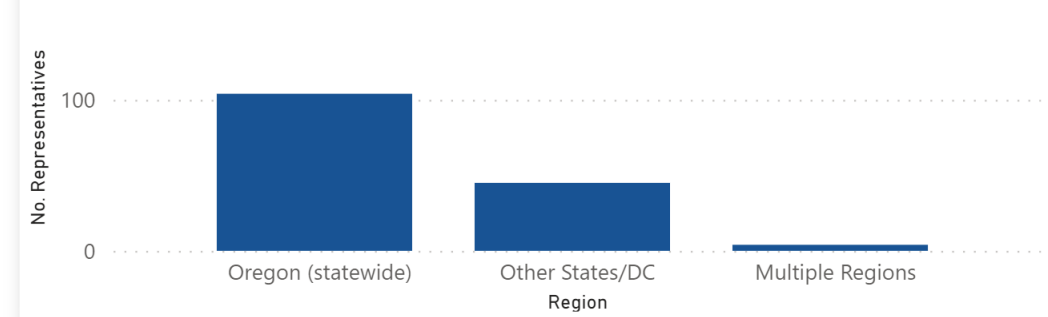
Outreach Strategy

Meetings	Invitees
Hybrid stakeholder kickoff	All
Virtual regional meetings – threats	
Follow-up meetings with private sector representatives	Private sector: (electricity, petroleum, natural gas)
SB 1567 virtual meeting	TBD
Virtual regional meetings - risk assessment	
Hybrid meetings with regions and Tribal Nations	 
Virtual project wrap-up/roll-out meeting	All

Representatives NOT assigned to meetings:

149

No. Representatives by Region



Energy Insecurity Stories

January 2023 Highway 101 Closure Impacts Fuel Deliveries to Southern Oregon

- Landslide underneath U.S. Highway 101 caused the roadway to drop as much as 12 feet
- All lanes of U.S. Highway 101 closed to traffic on the southern coast for nearly a week
- No local detour on this stretch of highway - backbone of Oregon's coastal transportation system



2021 Jet Fuel Issues

- COVID restrictions lifted, sudden increase in commercial air travel, and early wildfire season triggered jet fuel issues
- Jet fuel distributors already working at capacity had difficulty meeting additional sudden demand increase

New procedures and partnerships established

- Fuel Coordination Group established
 - Oregon State Departments of Forestry, Energy, and Aviation
 - U.S. Forest Service and Bureau of Land Management
- Jet fuel distributor dedicates truck and driver to deliver supply to airports when requested by ODOE



September 2022 Public Safety Power Shutoff (PSPS)

- Gusty winds and extreme fire conditions led multiple electric utilities to implement PSPS
- Goal was to prevent possible fire ignitions from the electric infrastructure
- PSPS affected communities across the state impacting thousands of Oregonians



Source: Polk County Emergency Management

SURVEY



Survey link in the chat:

https://cnaorg.gov1.qualtrics.com/jfe/form/SV_3VMNhL9Dkyv2iwK

Region Name

-  Cascades Region
-  Eastern Region
-  Northwest Region
-  Portland Metro Region
-  Southwest Region
-  Willamette Valley Region





Thank you

Max Woods

ESP Oversight

maxwell.woods@energy.oregon.gov

(503) 551-8209

Deanna Henry

ESP Project Manager

deanna.henry@energy.oregon.gov

(503) 932-4428

Tom Sicilia

ESP Contract Manager

tom.sicilia@energy.oregon.gov

(503) 508-8333