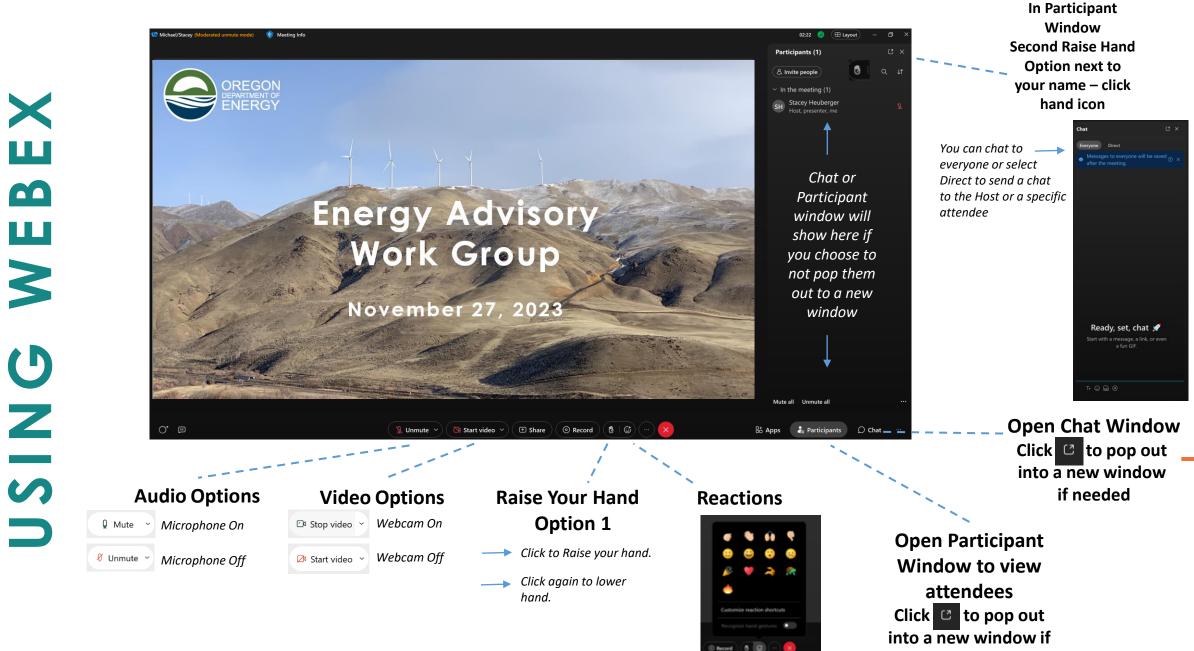


Energy Advisory Work Group

November 27, 2023



2

needed

9 a.m.	Director's Welcome and Update	ODOE Director Janine Benner
9:10 a.m.	EAWG Roundtable	EAWG Members
9:40 a.m.	Federal Funding Update	Michael Williams, ODOE Assistant Director for Central Services
9:50 a.m.	2025-2027 Budget Development	Michael Williams, ODOE Assistant Director for Central Services
10 a.m.	2023 Bill Implementation and 2024 Legislative Session	Christy Splitt, Government Relations Coordinator
10:10 a.m.	ODOE Project Updates • Energy Security Plan • State Energy Strategy • Biennial Energy Report	 Maxwell Woods, Assistant Director Nuclear Safety & Emergency Preparedness Edith Bayer, Energy Policy Team Lead Jessica Reichers, Energy and Technology Manager
10:30 a.m.	Strategic Plan Update	 Ruchi Sadhir, Associate Director for Strategic Engagement ODOE Director Janine Benner
10:50 a.m.	Q&A and Closing Comments	All

EAWG Roundtable

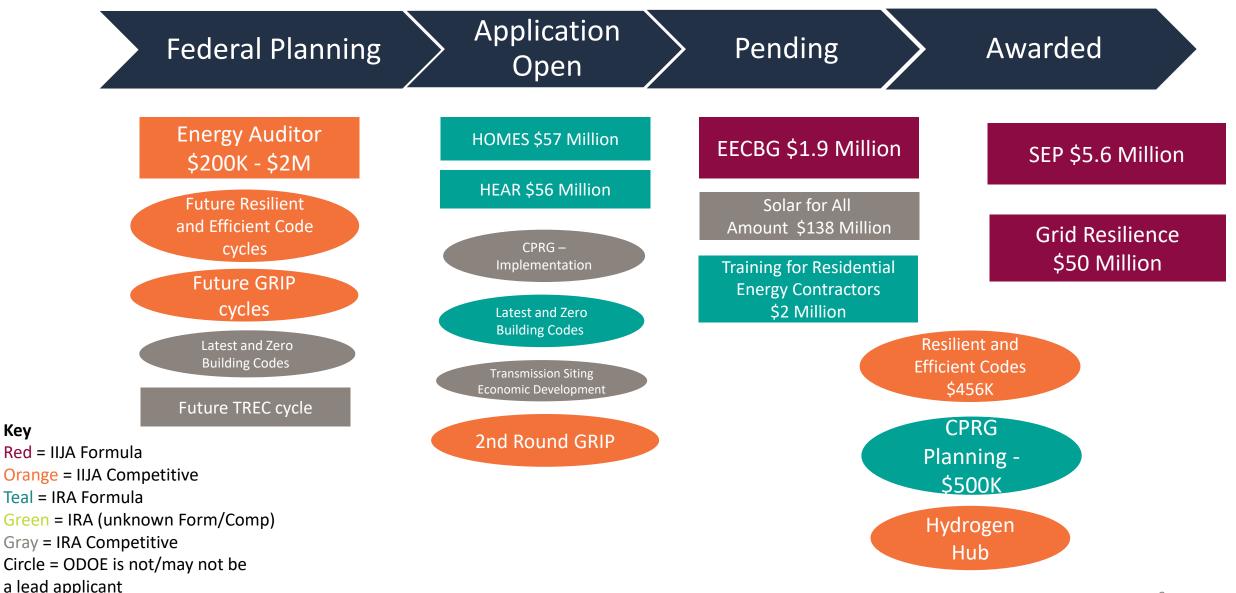


Federal Funding Update

Michael Williams Assistant Director for Central Services

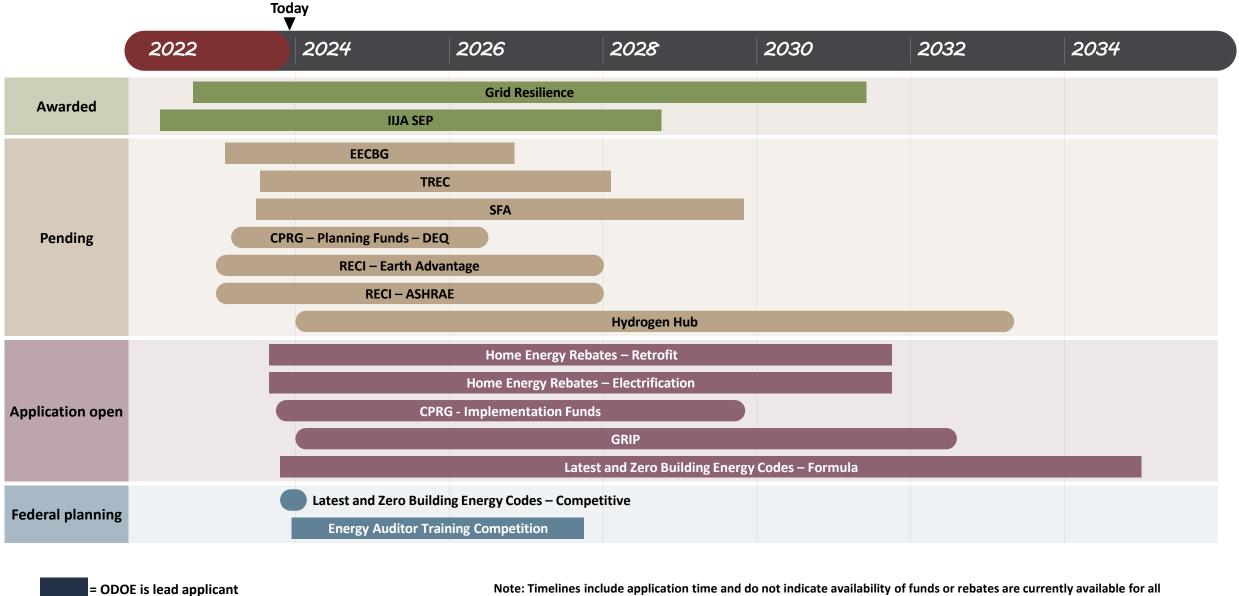


FEDERAL GRANT OPPORTUNITIES ODOE IS CLOSELY FOLLOWING



Key

Federal Grant Opportunities in Process or Consideration by ODOE



= ODOE is not/may not be lead applicant

Note: Timelines include application time and do not indicate availability of funds or rebates are currently available for all programs. Similarly, some of the opportunities are competitive, and there is no guarantee ODOE will receive an award. All dates presented in the table are subject to change. This slide will be updated on a periodic basis as new information becomes available.

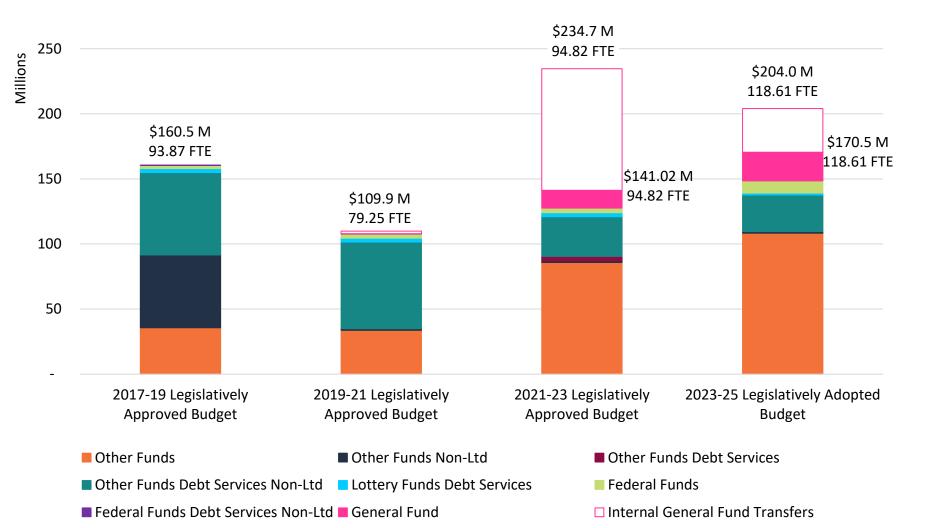


2025-2027 Budge Update

Michael Williams Assistant Director for Central Services

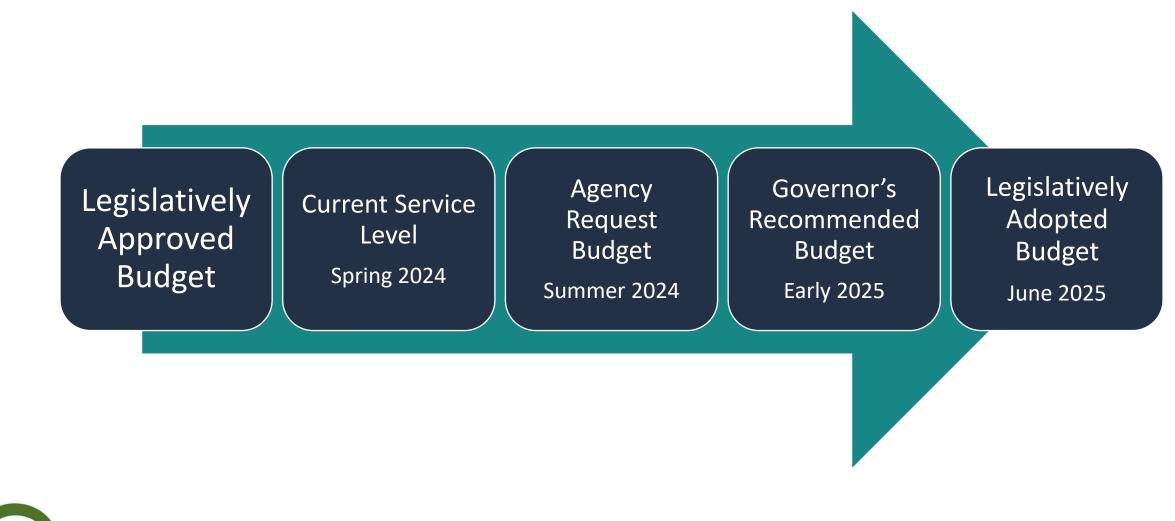
ODOE Budget History

- ODOE's 2023-25 budget continues and grows new incentive programs funded by General Fund in 2021-23
- Marked increase in General and Federal Funds



History of ODOE's Biennial Budgets

Phases of Oregon's Budget Cycle



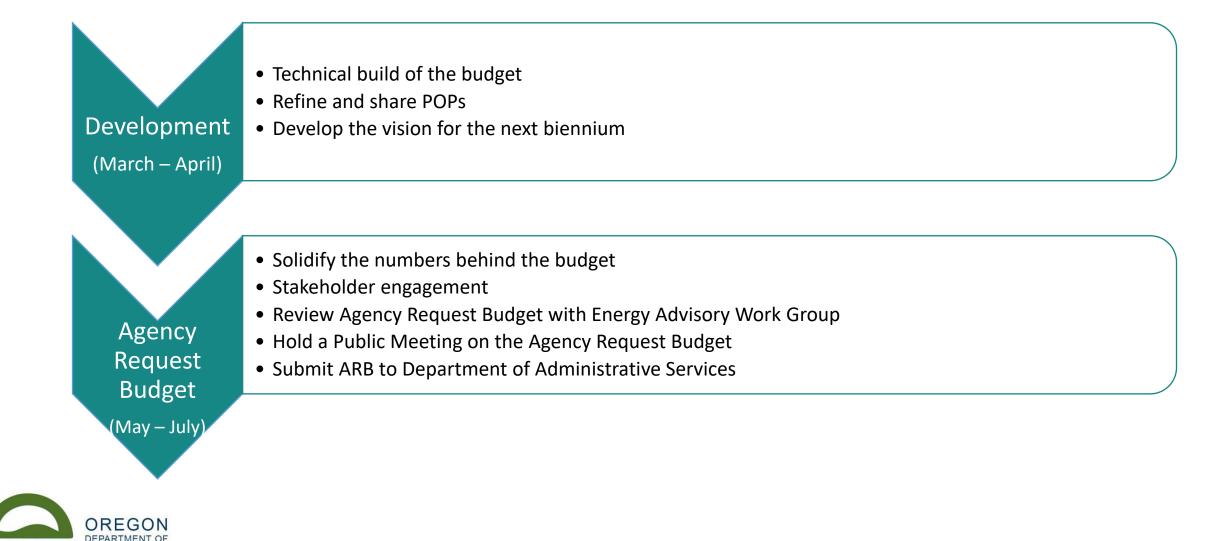


ODOE 2023 – 2025 Budget Development





ODOE 2023 – 2025 Budget Development



ENERGY

What should we be considering as we start our budget process?





2023 and 2024 Legislative Update

Christy Splitt Government Relations Coordinator

OREGON DEPARTMENT OF

ENERG

2023 Bill Implementation Update

Where we are and what's next for each of our 9 new programs or projects

Building Performance Standard

- Internal planning, including new "Codes and Standards" section
- New position established; recruitment to launch soon
- First public meeting December 13th

OREGON

ENERGY

Oregon Energy Strategy

- Internal planning, including project charter
- Coordination with other state agencies
- RFP in process for consultants
- Public launch held

Community Navigator

- Internal planning
- Position hired and on board since June
- Program in development, including RARE member
- Road trips and more road trips

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2023 Bill Implementation Update

Where we are and what's next for each of our 9 new programs or projects

Home Energy Rebates

- Internal planning
- Federal application July
- Kickoff Webinars October
- Position hired October

OREGO

ENERGY

 Aiming to complete application by Spring

Home Efficiency Workforce/Education

- Internal planning
- Federal "TREC" application – June
- Application turned in
 - November
- Position establishment in process
- Education launch in
 Q1 2024

Heat Pump Report

- Internal planning
- Position establishment in process
- Plan to launch in Q1 2024

One-Stop Shop

- Internal planning
- Position establishment in process
- Plan to launch in Q1 2024

2023 Bill Implementation Update

Where we are and what's next for each of our 9 new programs or projects

Global Warming Commission Modernization

- Internal planning, including new "Climate" section
- Name change process
- Filling new commission seats
- Position in recruitment



Global Warming Commission Natural & Working Lands

- Internal planning
- Coordination with other agencies
- Gov's Office helping with fund allocation process
- Position established; recruitment to launch soon

County Energy Resilience Planning

- Internal planning
- Position
 establishment in
 process
- Plan to launch in Q1 2024

2024 Concept: Fixes to Recent Legislation

- Extend the Energy Security Plan deadline to match federal deadline and resolve conflicting deadlines in statute (SB 1567 – 2022)
- Extend some deadlines related to new Natural and Working Lands reports, while leaving current deadlines in place for reports related to the Natural and Working Lands Fund (HB 3409 – 2023)
- Could incorporate changes to the Community Heat Pump Deployment Program, *if needed* to ensure that all regions and Tribes are served (SB 1536 – 2022)







ODOE Project Updates

Energy Security Plan

Maxwell Woods Assistant Director for Nuclear Safety and Emergency Preparedness

Energy Security Plan Update

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

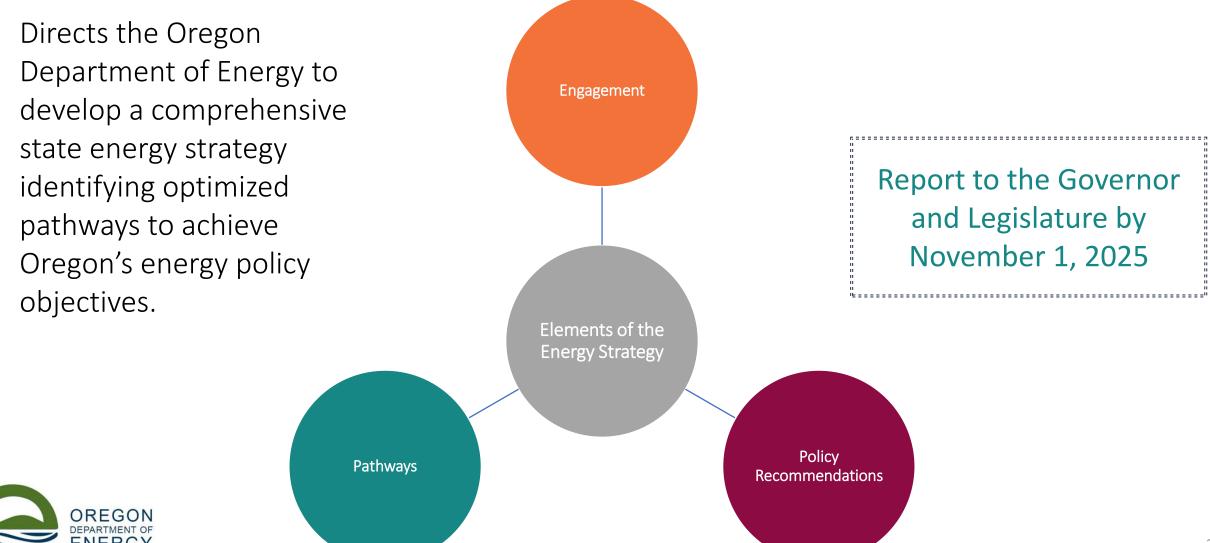
- Sept 2023: ODOE submitted draft ESP to US DOE
- October 2023-Sept 2024: Development of final ESP, including engagement with stakeholders, data collection, and technical analysis by contractors.
- Engagement and data sharing between EAWG organizations and ODOE ESP team



State Energy Strategy

Edith Bayer Energy Policy Team Lead

HB 3630, STATE ENERGY STRATEGY



Progress So Far











Charter

Provides statement of purpose, information on process, goals, objectives, and alignment with ODOE's strategic plan

Inter-Agency Steering Group

PUC, DEQ, DLCD, ODOT, Business Oregon, Governor's Office

Launch event

Nov. 13. 100+ participants. Presentation of Energy Strategy, key agency roles in climate and energy landscape, stakeholder engagement strategy, Q&A

Communications

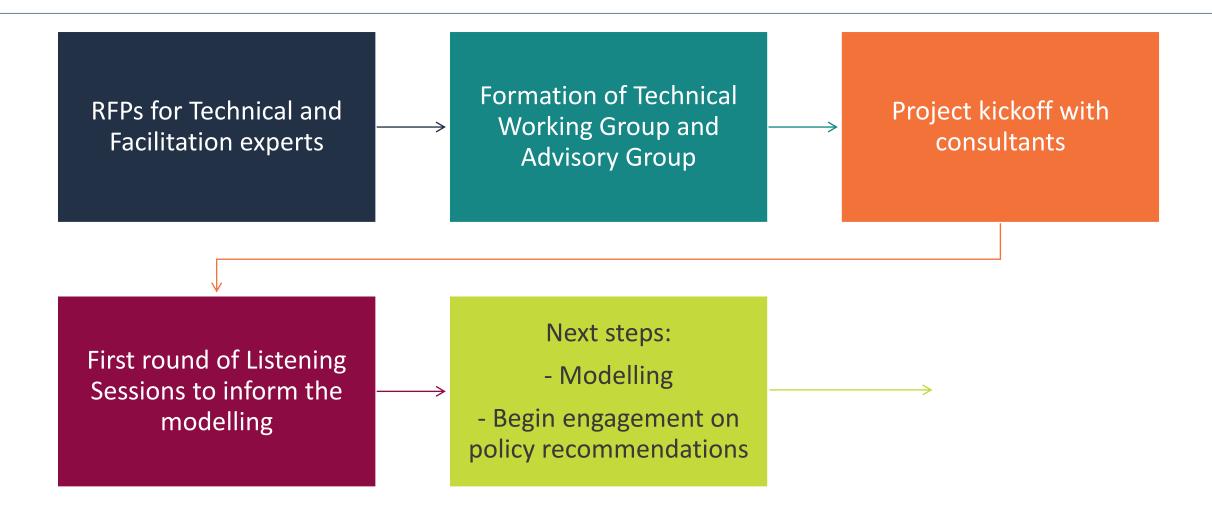
Dedicated webpage, email address, social media outreach, formal outreach to 9 OR Tribes, bilateral conversations with stakeholders

RFPs

For technical and facilitation support, to be published on Oregon Buys soon



Next Steps: Nov '23 – Apr '24





Questions to Inform Next Steps

- Are there any specific topics or perspectives that we should ensure are at the table in the Technical Working Group & Advisory Group?
- What questions would you like to see the Energy Strategy answer?
- Are there questions that fall outside of the Energy Strategy?
- Do you have any other suggestions on how we ensure robust and inclusive engagement as we advance?



2024 Biennial Energy Report

Jessica Reichers Energy Policy & Technology Manager

BIENNIAL ENERGY REPORT

Established by House Bill 2343 in 2017, the bill directs ODOE to produce a comprehensive report every even-numbered year.

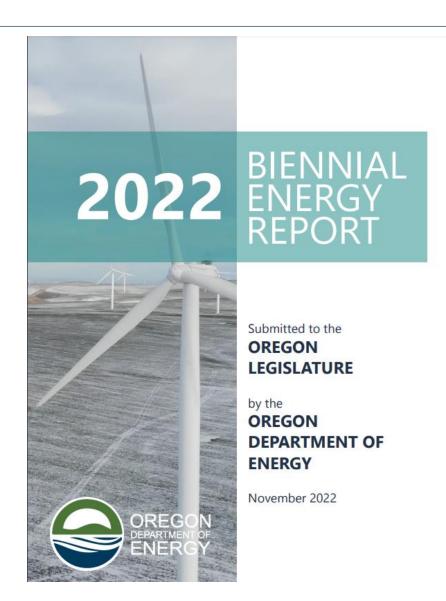
The report shall include information about energy resources, policies, trends and forecasts in Oregon, including (but not limited to):

- the consumption, generation, transmission and production of energy, including fuel energy
- energy costs;
- energy sectors, markets, technologies, resources and facilities;
- energy efficiency and conservation;
- the effects of energy use, including effects on GHG emissions;
- local, state, regional and federal regulations, policies and planning activities related to energy; and
- emerging energy opportunities, challenges and impacts

The Biennial Energy Report informs local, state, regional, and federal energy policy development, energy planning, and energy investments.



https://energyinfo.oregon.gov/ber



BIENNIAL ENERGY REPORT

Topic Collection

Collect input on potential topics

Prioritize

• Identify best alignment with the Energy Strategy, Energy Security Plan, and other ODOE work

Choose

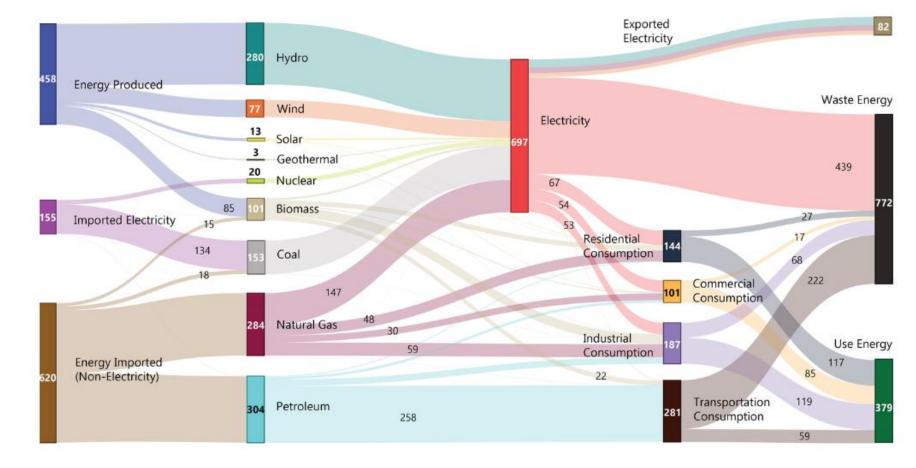
 Assess staff capacity to produce topics

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ENERGY BY THE NUMBERS

What energy-related data would be helpful in understanding the current state of energy in Oregon, including co-benefits and effects?





ENERGY RESOURCE & TECHNOLOGY REVIEWS



Are there energy technologies or resources that could benefit from a high-level overview describing how they work and their effects on Oregon's energy systems, economy, and environment?

Previous Topics

- Electricity Generation Technologies
- Transportation Fuels
- Clean & Efficient Vehicles
- Energy Efficient Building Technologies
- Electricity Storage Technologies
- Hydrogen
- Demand Response
- Advanced Meter Infrastructure
- Microgrids
- Carbon Capture & Storage

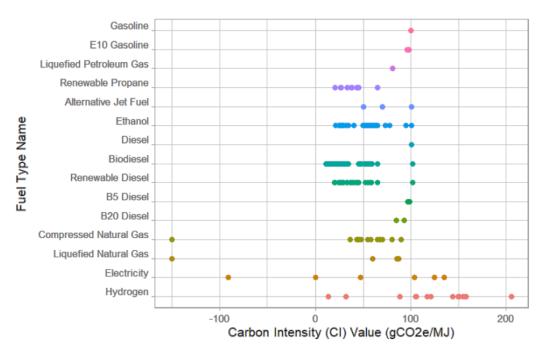


Figure 3: Carbon Intensity Values of Transportation Fuels^{80 *}

ENERGY 101s



What energy-related questions or topics do you hear about that could benefit from a 101-level overview?



Naturally occurring radioactive materials (NORM) are everywhere, for example: fertilizer material production facility,³ waste material from natural gas fracking,⁴ pipe scale buildup,⁴ and bananas, bricks, and granite countertops can all have low levels of radioactive materials. ⁵ ⁶

Previous Topics

- Electricity Transmission
- Natural Gas Resources
- Petroleum Resources
- Consumer Energy Cost Drivers
- Facility Siting and Permitting
- Electric Sector Resource Planning & Acquisition
- Electricity Distribution System Planning
- Oregon Climate Actions
- Resource Adequacy

- Backup Power
- Clean Energy Standards
- Energy Bill Basics
- Energy Burden
- Energy Jobs
- Energy Efficiency Codes & Standards
- Net-Zero Buildings
- Electrification Options in the Agriculture Sector
- Radioactive Waste in Oregon
- Oregon Fuel Action Plan

OTHER KEY QUESTIONS



Are there elements of the clean energy transition that you or the communities you work with find particularly concerning or would like to learn more about?



What energy metrics would be helpful to assess the state's progress on the energy transition, co-benefits, and effects?

?

Is there a subject that would benefit from a visualization or graphic to explain a process, hierarchy, interrelatedness, or other energy-related data or information?

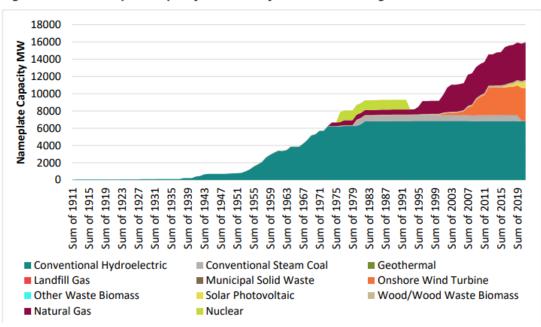


Figure 3: Total Nameplate Capacity of Electricity Generators in Oregon - 1911-2019



Strategie Plan Update

Ruchi Sadhir Associate Director for Strategic Engagement

Janine Benner, ODOE Director

2021-2024 IMPERATIVES/FOCUS AREAS



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

Imperatives	Objectives	Initiatives
Expand and Improve Stakeholder Engagement	 Increase diversity of agency stakeholder groups, rulemaking, oversight, and advisory boards Year-over-year increase in agency engagement with organizations representing historically and currently underserved populations and communities Year-over-year increase in the external use of agency produced reports, studies, and presentations 	 Conduct assessment of current agency boards and decision-making bodies to identify opportunities for more diverse representation Develop a communication plan and engagement process collaboratively with historically and currently underserved populations and communities that includes actively listening, being responsive, and incorporating feedback in the development of programs, policies, and other areas of work Build on existing tribal engagement efforts by expanding internal responsibilities and resources, and reaching out to tribes to assess and amplify shared interests and priorities Work with external entities to assess their needs and priorities to strengthen relationships and better inform Oregon's energy policies and programs Strengthen staff capacity within ODOE to serve as liaisons and ambassadors with communities, stakeholder groups, and Tribes.
Build Practices and Processes to Achieve More Inclusive and Equitable Outcomes	 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 Increase agency Diversity, Equity, and Inclusion awareness and fluency 	 Enhance ODOE's internship program to provide benefits to interns, such as paid positions and greater access to educational credits, to help build a more diverse network of ODOE and energy industry employees Develop a Diversity, Equity, and Inclusion Action Plan in partnership with historically and currently underserved populations and communities Create inclusive, multi-lingual communications to increase accessibility of agency program information and services Conduct agency-wide DEI assessment and training to measure and increase employee knowledge, awareness, and skills
Assess and Enhance Organizational Data Capabilities	 100% of specified agency products (e.g., produced reports, studies, and analyses) use standardized agency data methodologies or tools Year-over-year increase of collection, review, and analysis of data Year-over-year increase in data sharing relationships 	 Establish and internally communicate agency data standards and tools Assess and enhance agency data management roles, responsibilities, and internal structures Enhance staff data analysis and visualization skills to bring more interactive, value-add products (e.g. external data dashboards) to stakeholders Audit agency datasets to identify gaps and ensure they support implementation of state programs and priorities Collect and analyze demographic data to better inform ODOE's work and to identify barriers to achieving equitable energy outcomes Identify, catalog, and conduct outreach with data-holders across the state and among stakeholders
Assess and Modernize Agency Programs and Activities	 100% of ODOE programs and activities align with ODOE mission and position statements Complete assessment of ODOE work in the context of the state's energy ecosystem to identify redundancies and gaps 	 Conduct a strategic evaluation of each program and activity. Share the outcomes of the strategic evaluation and describe the alignment of programs and activities with ODOE's mission and position statements. Where necessary, identify actions to achieve better alignment. Collaborate with energy stakeholders to identify Key Energy Indicators and state priorities and objectives (including statutory targets and goals, executive orders, non-energy goals like job creation, other executive guidance like the Equity Framework) Create dashboard(s) to monitor and report on status of Key Energy Indicators Build on collaborative effort to assess how other agencies and organizations in the state are working toward Key Energy Indicators and state priorities, and identify areas where ODOE's work may overlap with other entities or where there might be gaps in state efforts.
Optimize Organizational Efficiency and Impact	 Increase average Gallup Q12 engagement score to at least 4.0 (out of 5.0) Increase "Efficient and effective processes & procedures" (Whole Systems Model) survey score to at least 3.5 Increase in Key Performance Measure customer satisfaction score to at least 95% 	 Update and improve employee development and recognition plans and programs Create internal action teams to identify and implement cross-functional process improvements Evaluate and improve agency collaboration and communication culture Update ODOE's KPM customer satisfaction survey and implement timelier customer service evaluations

Imperative	Objectives		Status
1. Expand & Improve	1.1 Increase diversity of agency stakeh	nolder groups, rulemaking, oversight, and	Some data collected; analyzing
Stakeholder Engagement	advisory boards		data to inform next steps
	1.2 Year-over-year increase in agency	engagement with organizations representing	Proxy and anecdotal data show
Q2/Q3	historically and currently underserved		overall increase
2023 Update	 1.3 Year-over-year increase in the external and presentations 	ernal use of agency produced reports, studies,	All categories increasing
	Highlight	s and Look Forward	
Work Underway		What's Next	
 federal funding (Hom Integrating outcomes Strategic Engagement On-boarding new stat Community Equity & Planning in-person vision 	sits over three days in late Nov/early Dec st (e.g., community colleges, utilities,	 Assessing opportunities and strategies boards and commissions Recruitment for vacancies in the <u>Commerced Program Advisory Committee</u> Opportunity with current EFSC Vacance Outreach for building performance stagrants, natural and working lands, feder 	nunity Renewable Energy y ndard, county resilience planning
	Accomplish	ments and Challenges	
Accomplishments/Lessons Le	earned	Challenges/Needs	
 funding opportunities other entities Co-hosted IIJA Grid Re Tribes of Warm Spring Completed pilot/first brought on new RARE Eastern Oregon in-pe (e.g., community colles ODOE and BCD collab planning and develop Carried out post-session Identified a new prime 	year with RARE Member in July 2023, E Member in Sept 2023 rson visits over three days in Eastern OR ege, tribes, utility, legislators) poration on Oregon Energy Code	 Tracking and collecting data on engage necessary for Justice40 requirements a ODOE's programs Federal Justice40 requirements contin challenges – ODOE will need to work of partners to develop criteria (see EJ Lea Maintaining high level of engagement capacity and with new staff learning al Google Analytics, which tracks web us changed this year – it is more challeng website 	and will be informative for <u>all of</u> ue to present unique data losely with stakeholders and EJ ders Workshop in Imperative 2) on new programs with limited bout engagement techniques age and document downloads,

Imperat	ive	Objectives		Status
to Achie	Practices & Processes eve More Inclusive itable Outcomes	2.1 Year-over-year increase in the per Indigenous, and People of Color	cent of agency job applicants identifying as Black,	Increasing every year
Q2/Q3 2023 Update		2.2 Year-over-year increase in the per populations and communities particip	cent of historically and currently underserved bating in ODOE programs & services	Proxy data established by tracking new ODOE programs; working to delineate populations and communities
		2.3 Increase agency Diversity, Equity,	and Inclusion awareness and fluency	Underway
		Highlight	s and Look Forward	
Work U	nderway		What's Next	
•	accessibility of commun Partnering with Coalitio	orise efforts aimed at increasing lications. n of Communities of Color on vorkshops on federal funding	 Hoping for Solar For All award in Spring 2024 to build on existing programs to better serve low income and disadvantaged communi Evaluating and awarding Regional administrators for Community H Pump Deployment Program (current <u>Opportunity Announcement</u>) focus on tribes and rural parts of state 	
Accomp	lishments/Lessons Lear		Challenges/Needs	
	Solar + Storage Rebate I collection by adapting s <u>DEI Implementation Pla</u> (request from Gov. Kote Held three "Environmer up of representatives of Led coalition in partners "Solar For All" applicatio disadvantaged commun 2023-2025 Affirmative A	Program – significantly improved data urvey method. <u>n and Strategic Approach</u> published ek) ntal Justice Leaders Workshops" made f organizations from across the state ship with BEF and ETO to submit on with a focus on low-income and nities	 Access to demographic data to inform program Outreach "fatigue" among environmental justic community based organizations 	-

Imperative	Objectives		Status
3. Assess and Enhance Organizational Data Capabilities	3.1 100% of specified agency products standardized agency data methodolog	e (e.g., produced reports, studies, and analyses) use gies or tools	In process
Q2/Q3 2023 Update	3.2 Year-over-year increase of collection	on, review, and analysis of data	Increased data collection in programs, other efforts in development
	3.3 Year-over-year increase in data sha	aring relationships	Proxy data from selected reports
	Highlight	s and Look Forward	
Work Underway		What's Next	
4 (Assess & Modern Determine what da gaps are, how data Increasing opportu Support/Letter of C applications where Identified and now automation for free Implementing IT St and improving acce	rategic Plan including focus on data quality ess and availability of data group for data governance is working on g opportunities	 IT's SharePoint migration and increased Dynamodiate facilitate easier data sharing and tracking IT Strategic Plan Initiative to improve ODOE he knowledge and capacity Establishing and recruiting for GIS Analyst post visualization 	elp desk will increase staff
Accomuliatements /Lesson		ments and Challenges	
01	omitted to DAS CIO, and it passed the first nsure it supports ODOE's needs and aligns	 Challenges/Needs Data requests don't always match our data av of demographic data on who participates in al programs While the agency has significantly increased it the team is still small 	l of ODOE's services and

Imperative	Objectives		Status
4. Assess and Modernize Agency Programs and Activities	4.1 100% of ODOE programs and activ	vities align with ODOE mission and position statements	Evaluation underwa
Q2/Q3 2023 Update	4.2 Complete assessment of ODOE we identify redundancies and gaps	ork in the context of the state's energy ecosystem to	Not started
•	Highlight	ts and Look Forward	
		What's Next	
 evaluation criteria to be the 2025-2027 budget i Developing methods to program participants/c Continuing to work with Evaluation 	e most useful as the agency develops request receive feedback from ODOE's ustomers n consultant on EFSC Program velopment of "Key Energy Indicators" Energy Strategy	 Evaluating remaining ODOE programs with goal of finishing in Ja 2024 Engage program "customers" in program evaluation Communicate outcomes of strategic evaluations 	
		hments and Challenges	
 additional evaluation or Updated list of program 2023 legislative session Conducted pilot evaluation 	r reviewed and advised on potential iteria is to reflect changes made during	Challenges/Needs Busy legislative session for staff delayed complete evaluations	etion of program

Imperative	Objectives		Status
5. Optimize Organizational Efficiency and Impact			2019 baseline - 3.79; Re-evaluated 2023 2023 score – 4.1
Q2/Q3 2023	5.2 Increase "Efficient and effective pr	rocesses & procedures" survey score to at least 3.5	2019 baseline - 2.73; Re-evaluated 2023 2023 score – 3.36
Update	5.3 Increase in Key Performance Meas	sure customer satisfaction score to at least 95%	Implemented improved methodology – score up in each category
	Highlight	s and Look Forward	
Work Underway		What's Next	
 budgeting processes inc realigning responsibiliti Rebuilding our internal process contracts and p 	approval system to more efficiently ayments. make improvements to agency	 Create employee action teams to solicit new ideas for ways to en and recognize employees in our new remote work environment. Continue to improve KPM customer service survey collection; cor with Governor Kotek's Agency Expectations around customer ser Three new IT Strategic Plan initiatives have been kicked off to sup imperative 5: (1) Improved Help Desk End User Experience, (2) Improved Stability in End User Software Licensing, (3) IT Service Management Improvement 	
		ments and Challenges	
 Improvements in recrui length of time to fill vac Issued Customer Service rate of 10% 	ems Survey and Gallup Q12 Survey tment process reduced average	 Continued work with existing resources to trafunds Misalignment between state payroll/billing sy reporting requirements adds additional work accounting team 	stem and federal

Strategic Evaluation of ODOE Programs

- 1.5% Green Energy Technologies (GET)
- Appliance and Equipment Standards
- Building Energy Codes Expertise
- Building Performance Standards
- Clean Electricity
- Climate Change Mitigation
- Electricity Planning and Market Analysis
- Energy Data, Analysis, and Presentation
- Energy Efficiency Policy

- Energy Efficiency Technical Assistance
- Home Energy Score
 Program Assistance
- Local Energy and GHG Planning
- Direct Use Fuels
- Public Purpose Charge
- Resilience Policy
- State Energy Efficient Design (SEED)
- Sustainable and Low-carbon Transportation
- Community Renewable Energy Grant Program

- Energy Efficient Wildfire Rebuilding Incentive Program
- Oregon Solar + Storage Rebate Program
- Community Heat Pump Deployment Program
- Oregon Rental Home Heat Pump Program
- Grid Resilience Program
- Emergency Fuel Supply and Distribution Planning and Response
- Energy Security and Resilience Planning
- Hanford Nuclear Clean-Up

- Radioactive Waste Disposal
- Nuclear Emergency Preparedness and Safety
- Radioactive Waste Transport
- Energy Facility Compliance
- Energy Facility Siting Applications and Amendments
- Federal Energy Project Coordination
- Siting-Related Rulemaking
- Energy Facility Siting Staffing

Strategic Evaluation Criteria







Q&A

Closing Comments