

Broadband, Electric Vehicles, and Infrastructure: A Federal and State Funding Update



Business Oregon

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High-Level Overview

- Infrastructure Investments and Jobs Act (IIJA)
 - Also called Bipartisan Infrastructure Law (BIL)
 - Detailed legislation
 - Federal direction to states is in progress
- Inflation Reduction Act (IRA)
 - Legislation does not have much detail
 - Federal direction to states has not yet occurred
- Other State and Federal Programs
 - Includes American Rescue Plan Act and other pandemic relief funds



Empowering Oregon Communities Now, and for Generations

REGIONAL DEVELOPMENT OFFICERS
for REGIONS 10B & 11



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Bipartisan Infrastructure Law (BIL) Background

VISION

Prosperity for all Oregonians.

MISSION

Business Oregon invests in Oregon businesses, communities, and people to promote a globally competitive, diverse, and inclusive economy.

VALUES

- Agile
- Collaborative
- Accountable
- Respectful
- Innovative

- BIL also referred to as the Infrastructure Investment and Jobs Act (IIJA) passed 11/15/2021
- Provides funding for drinking water and wastewater infrastructure through existing EPA funded programs
- Drinking Water State Revolving Fund (DWSRF) – Oregon Health Authority and Business Oregon
- DWSRF Loan Fund = Safe Drinking Water Revolving Loan Fund (SDWRLF)
- 5 years of enhanced DWSRF funding in addition to that typically received; three distinct funding buckets

Potential Funding for BIL DWSRF 1 of 1	VISION	MISSION	VALUES
	Prosperity for all Oregonians.	Business Oregon invests in Oregon businesses, communities, and people to promote a globally competitive, diverse, and inclusive economy.	<ul style="list-style-type: none"> •Agile •Collaborative •Accountable •Respectful •Innovative

- **General Supplemental**

2022	\$23,623,000
2023	\$28,386,006
2024	\$30,979,509
2025	\$33,560,109
2026	\$33,560,109
Total	\$150,108,733

- **General Supplemental Sidebars**
- **Incentive (49% subsidy for disadvantaged communities)**
- **State Match (10% 2022 & 2023; 20% 2024-2026)**

Potential Funding for BIL DWSRF 2 of 3	VISION	MISSION	VALUES
	Prosperity for all Oregonians.	Business Oregon invests in Oregon businesses, communities, and people to promote a globally competitive, diverse, and inclusive economy.	<ul style="list-style-type: none"> • Agile • Collaborative • Accountable • Respectful • Innovative

- **Emerging Contaminant Supplemental**
- **PFAS and other emerging contaminants**

2022	\$9,920,000
2023	\$9,920,000
2024	\$9,920,000
2025	\$9,920,000
2026	\$9,920,000
Total	\$49,600,000

- **Emerging Contaminants Supplemental Sidebars**
- **Incentive (100% subsidy)**
- **State Match (no match required)**

Potential Funding for BIL DWSRF 3 of 3	VISION	MISSION	VALUES
	Prosperity for all Oregonians.	Business Oregon invests in Oregon businesses, communities, and people to promote a globally competitive, diverse, and inclusive economy.	<ul style="list-style-type: none"> •Agile •Collaborative •Accountable •Respectful •Innovative

- **Lead Service Line Supplemental**
- **Prevalence of lead service lines in Oregon**

2022	\$37,201,000
2023	\$37,201,000
2024	\$37,201,000
2025	\$37,201,000
2026	\$37,201,000
Total	\$186,005,000

- **Lead Service Line Supplemental Sidebars**
- **Incentive (49% subsidy)**
- **State Match (no match required)**

BROADBAND IIJA BEAD	VISION	MISSION	VALUES
	Prosperity for all Oregonians.	Business Oregon invests in Oregon businesses, communities, and people to promote a globally competitive, diverse, and inclusive economy.	<ul style="list-style-type: none"> •Agile •Collaborative •Accountable •Respectful •Innovative

BEAD program will provide ~\$42.45B for infrastructure planning and implementation



Funding pool
\$42.45B

A program to get all Americans online by funding partnerships between states or territories, communities, and stakeholders to build infrastructure where we need it to and increase adoption of high-speed internet.

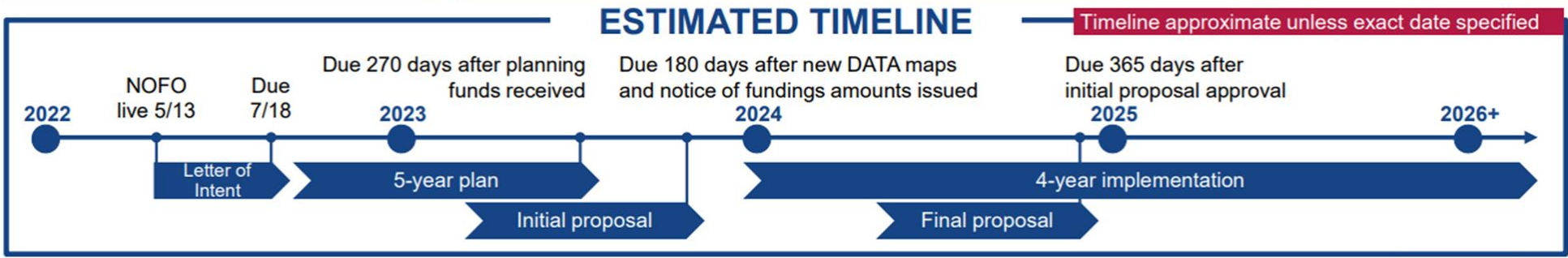
PROGRAM HIGHLIGHTS

Entities eligible to apply for this program include:

- All 50 States
- The District of Columbia and Puerto Rico
- Other Territories: U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands

Example eligible uses of funds include:

- ☆ Planning for deployment of Internet
- ☆ Deploying or upgrading Internet
- ☆ Installing Internet in multi-tenant buildings
- ☆ Implementing adoption and digital equity programs
- ☆ Workforce and job training



IIJA/BEAD

- 5-year Statewide Broadband Action Plan, collaboration with local/regional entities in 2023
- [\$100M] + [formula allocation] -> Additional Infrastructure Funding

BROADBAND IIJA Digital Equity	VISION Prosperity for all Oregonians.	MISSION Business Oregon invests in Oregon businesses, communities, and people to promote a globally competitive, diverse, and inclusive economy.	VALUES •Agile •Respectful •Collaborative •Innovative •Accountable

Digital Equity Act created three programs to promote digital equity and inclusion

Funding pool
\$2.75B

Three programs that provide funding to promote digital inclusion and advance equity for all. They aim to ensure that all communities can access and use affordable, reliable, high-speed internet to meet their needs and improve their lives.

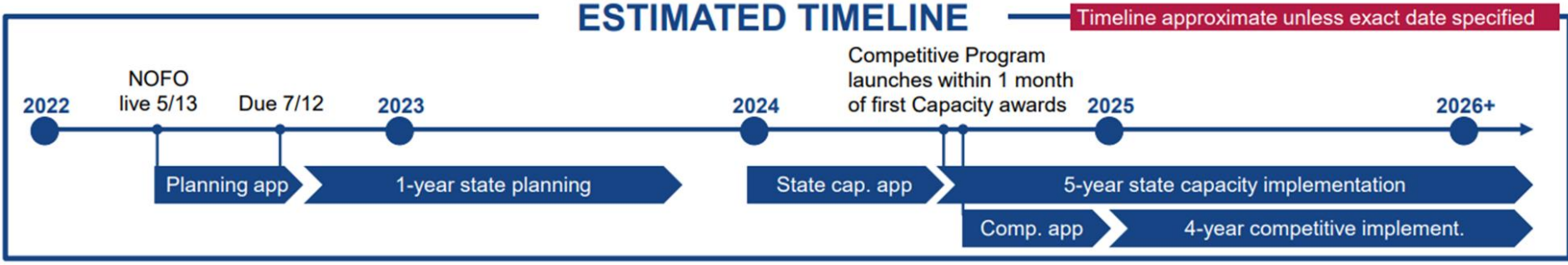
PROGRAMS HIGHLIGHTS

The Digital Equity Act created three programs:

State Planning • \$60M formula funding program to develop digital equity plans	State Capacity • \$1.44B formula funding program to implement plans & promote digital inclusion	Competitive • \$1.25B to implement digital equity and inclusion activities
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Example eligible uses of funds include:

☆ Developing digital equity plans; states must develop a plan to be eligible for state capacity grants	☆ Making awards to other entities to help make digital equity plans	☆ Improving accessibility and inclusivity of public resources
☆ Implementing digital equity plans and related activities	☆ Providing digital literacy and digital skills education	☆ Facilitating the adoption of high-speed Internet



IIJA/Digital Equity

- State Digital Equity Plan, collaborate & engage with local entities in 2023
- [\$783K] + [formula allocation] -> Additional devices/tech support/training Funding

STATEWIDE COVERAGE

Innovate Oregon's Economy

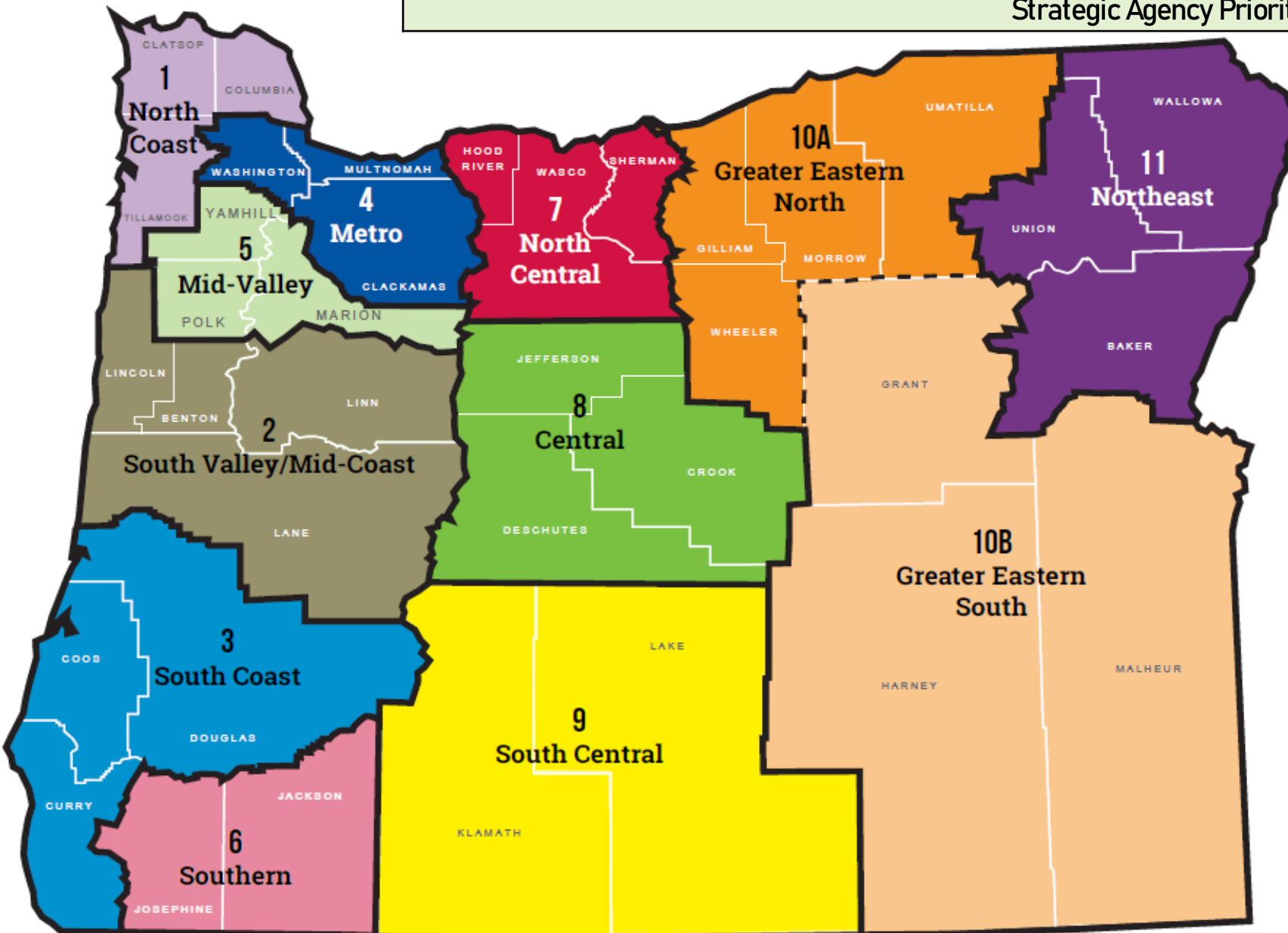
Grow Small & Middle Market Companies

Cultivate Rural Economic Stability

Advance Economic Opportunity for Underrepresented People

Ensure an Inclusive, Transparent, & Fiscally Healthy Agency

Strategic Agency Priorities



- | | |
|--|---|
| <p>1 RDO Melanie Olson 503-801-7155
RPM
BFO Neal Fitzgerald 503-871-2507
BFO
PFO</p> <p>2 RDO Melissa Murphy 503-983-8857
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BFO Terry Hegle 503-798-6710
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PFO</p> <p>3 RDO Sean Stevens 541-346-8620
RPM Tawni Bean 503-551-0957
BFO Laura Engstrom 503-302-4114
BFO Blair Sundell 503-798-7307
PFO</p> <p>4 RDO Colin Sears 503-894-0160
RPM Matthew Mattia 503-856-2306
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BFO Tom Schnell 541-280-1631
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RPM Shanna Bailey 541-786-4630
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BFO Paul Zollner 503-779-6976
PFO Rich Rodriguez 971-283-6859</p> <p>10B RDO Feather Sams Huesties 971-375-2700
RPM Shanna Bailey 541-786-4630
BFO Eric Nerdin 971-382-2722
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BFO Eric Nerdin 971-382-2722
BFO Paul Zollner 503-779-6976
PFO Rich Rodriguez 971-283-6859</p> |
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For help or questions, always start with your respective RDO.



IIJA Basics

- \$1 TRILLION for infrastructure
- \$567 billion for transportation
- Surface transportation portion includes:
 - Reauthorization of surface transportation programs
 - Special funding for bridges and EV charging
 - New programs for resilience and climate
 - Huge amount of discretionary grants
 - All over five years (2022-2026)

FEDERAL INFRASTRUCTURE INVESTMENTS



ACTIVE TRANSPORTATION

\$30 Million
in additional funds
for bicycle and
pedestrian projects.



BRIDGES

\$288 Million
to invest
in repairing and
replacing aging
bridges.



EV CHARGING INFRASTRUCTURE

\$52 Million
to construct new
electric vehicle
charging stations
across Oregon.



RESILIENCE

\$94 Million
to increase the
transportation system's
resilience to earthquakes,
natural disasters and
adapt to climate change.



SAFETY

\$45 Million
in additional funds
to invest in improving
transportation safety
for all users.

FEDERAL INFRASTRUCTURE INVESTMENTS



TRANSIT

\$200 Million
in additional formula funding, plus grants to upgrade fleets and invest in zero and low emission vehicles.



PASSENGER RAIL

Historic investment
ODOT will pursue competitive grant funding to make improvements to Amtrak Cascades.



CARBON REDUCTION

\$82 Million
to invest in projects that reduce greenhouse gas emissions.



DISCRETIONARY GRANTS

\$100 Billion
in new funding distributed through grant programs administered by the federal government.



LOCAL PRIORITIES

Over \$200 Million
for local governments to invest in community priorities.



ODOT INVESTS \$100 MILLION IN EV CHARGING

- Mix of federal and state funding
- Fast chargers (30 minutes to full) every 50 miles along major corridors (Interstates 5, 84, 82, and U.S. 26, 101, 20 and 97)
- Eligible routes to expand over time
- Community charging focused on disadvantaged communities and rural communities (apartment buildings, stop-and-shop locations)



OREGON
DEPARTMENT OF
ENERGY

Energy Funding Options

Christy Splitt
Government Relations Coordinator





Incentive Programs

- Oregon Solar + Storage Rebate Program
- Community Renewable Energy Grant Program
- Oregon Rural & Agricultural Energy Audit Program
- Energy Efficient Wildfire Rebuilding Program

...Coming Soon: Heat Pump Incentives
Infrastructure Investment and Jobs Act
Inflation Reduction Act



OREGON SOLAR + STORAGE REBATE PROGRAM

HB 2618 (2019) directed ODOE to:

- Provide incentives to support rooftop solar projects statewide
- Include an option to add storage when the solar PV system is installed
- Support low-income service providers and low-to-moderate income households with an elevated rebate rate and a 25% carve out
- Work with solar contractors, who apply for the rebates on behalf of their customers and who market the program in their work



Results

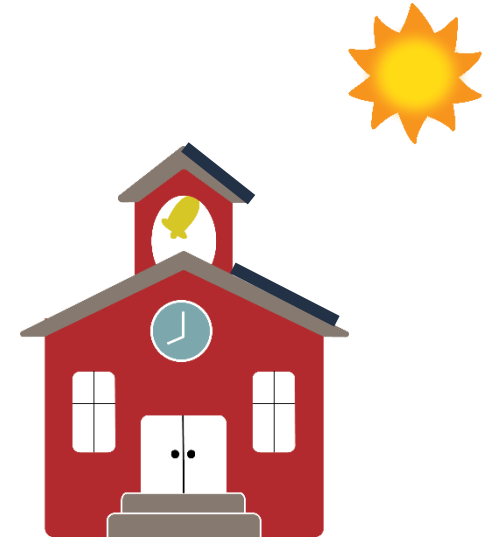
- 1,855 projects in 29 counties
- Over \$6.2 million in rebates completed or in process
- Supporting over \$69.5 million investment in clean energy
- 60 approved contractors
- 37% to low- to moderate-income



COMMUNITY RENEWABLE ENERGY GRANT PROGRAM

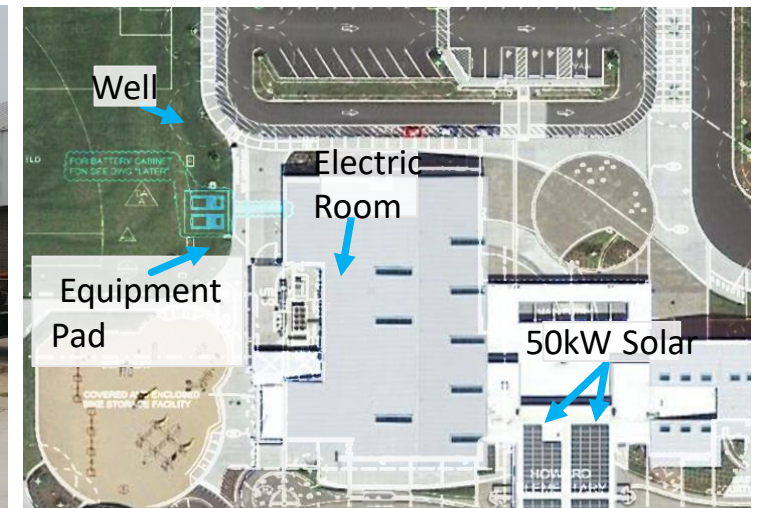
HB 2021 established the Community Renewable Energy Grant Program to:

- Offset costs of planning and developing community renewable energy projects
- Support projects in traditionally underserved communities
- Promote small-scale community renewable energy projects
- Provide direct benefits to communities across Oregon by improving energy resilience, creating local jobs, promoting economic development, and reducing local energy costs.



Applicant Eligibility

- Tribes
- Counties
- Municipalities
- Special government bodies such as ports and irrigation districts
- Consumer-Owned Utilities
- Outside Portland



Grid Edge Demonstration Project in Eugene
Photos courtesy of Eugene Water and Electric Board

BUDGET PRIORITIES

- 50 percent or more for grants to be awarded for planning or developing community renewable energy projects that qualify as **community energy resilience projects**.
- 50 percent or more for grants to be awarded for planning or developing community renewable energy projects that primarily serve **one or more environmental justice communities**.

GRANTS TO OREGON COMMUNITIES

PROJECT CATEGORY	MAXIMUM GRANT AWARD	MAXIMUM % OF COST
Planning, Energy Resilience	\$100,000	100%
Planning, Renewable Energy Only	\$100,000	100%
Construction, Energy Resilience	\$1,000,000	100%
Construction, Renewable Energy Only	\$1,000,000	50%

Grants will be awarded on a competitive basis and will include performance agreements and time limits for completing projects.

RURAL & AGRICULTURAL ENERGY AUDIT PROGRAM

Energy audits and assessments help save energy and money, and plan for future capital investments.

- ODOE received a \$100,000 USDA Rural Energy Development Assistance (REDA) Grant
- Grant dollars cover up to 75% of energy audit costs
 - Participants responsible for remaining 25% (may be reimbursable)
- Eligible Participants:
 - Agricultural Producers
 - Rural Small Businesses

Coming Soon...

- **HEAT PUMP INCENTIVE PROGRAMS**

\$25 million toward two heat pump incentive programs, one for rental homes and one to go toward regional entities to establish their own programs (SB 1536 – 2022)

- **INFRASTRUCTURE INVESTMENT AND JOBS ACT (aka BIL)**

Grid resilience grant application in development; estimated \$60 million for clean energy and energy efficiency projects and programs

- **INFLATION REDUCTION ACT**

Estimated \$80+ million for climate and energy related projects and programs – details to come



OREGON
DEPARTMENT OF
ENERGY

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USDA Rural Development

- Low-interest loan and grant programs for:
 - Water, wastewater, solid waste
 - Community facilities
 - Broadband buildout
 - Distance learning & telemedicine
 - Rural electric cooperatives
 - Housing
 - Business Programs
- Some funding for development, preliminary work, and technical assistance after project completion.
- Coordinate closely with other funders to help you find predevelopment and application assistance.



Time Frames for USDA Awards

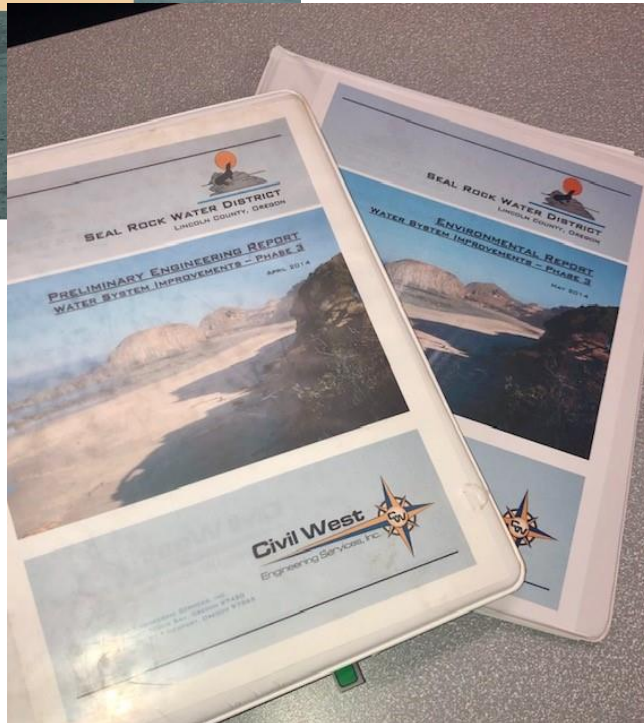
Application windows:

- Open year-round
- Once-per-year
- Special stimulus funding may be one time only with a short application window

Application review and award of funding estimates:

- Planning Projects
 - 2-6 months
- Design/Construction Projects
 - 6-12 months

Importance of Planning



- **Pre-development Assistance**
- **Facility Plans:**
 - Required for DEQ and Biz Oregon funding
 - Broader focus on the entire system
- **Preliminary Engineering Reports (PERs):**
 - Part of a USDA funding application
 - Specific focus on proposed project
- **Capital Improvement Plans (CIPs)** (water and sewer projects):
 - Every system should have one!
- Also, is your project a priority listed in a regional or multi-jurisdictional plan?

Rural Placemaking Innovation Challenge (RPIC)

- This initiative is to provide technical assistance and training to rural communities for placemaking planning and implementation.
- Projects must be multi-jurisdictional, multi-sectoral and require substantial USDA RD involvement—it is a cooperative agreement, not a grant.
- Pilot program with \$4M available in FY 2022. Deadline was 8/15/22. Not sure if it will be available in FY 2023.
- All eligible applicants must demonstrate the capacity to deliver and support multiple rural placemaking planning activities within at least one of the four RD regions and has previously administered a state and/or federal grant.
- 15% Match requirement.

Eligibility – who is eligible to apply?

- Federally-recognized Tribes & Tribal Entities
- Institutions of higher education (including 1862 Land-Grant Institutions, 1890 Land-Grant Institutions, 1994 Land-Grant Institutions, Hispanic-Serving Institutions, and Historically Black Colleges and Universities (HBCU)).
- Nonprofit organizations with 501(c)(3) IRS status; public bodies.
- Small private entities meeting the size standards established by the U.S. Small Business Administration (SBA).
- All eligible applicants must demonstrate the capacity to deliver and support multiple rural placemaking planning activities within at least one of the four regions and has previously administered a state and/or federal grant.

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