



OREGON
DEPARTMENT OF
ENERGY

Energy Efficient Wildfire Rebuilding Incentive

October 28, 2021



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

MEETING AGENDA

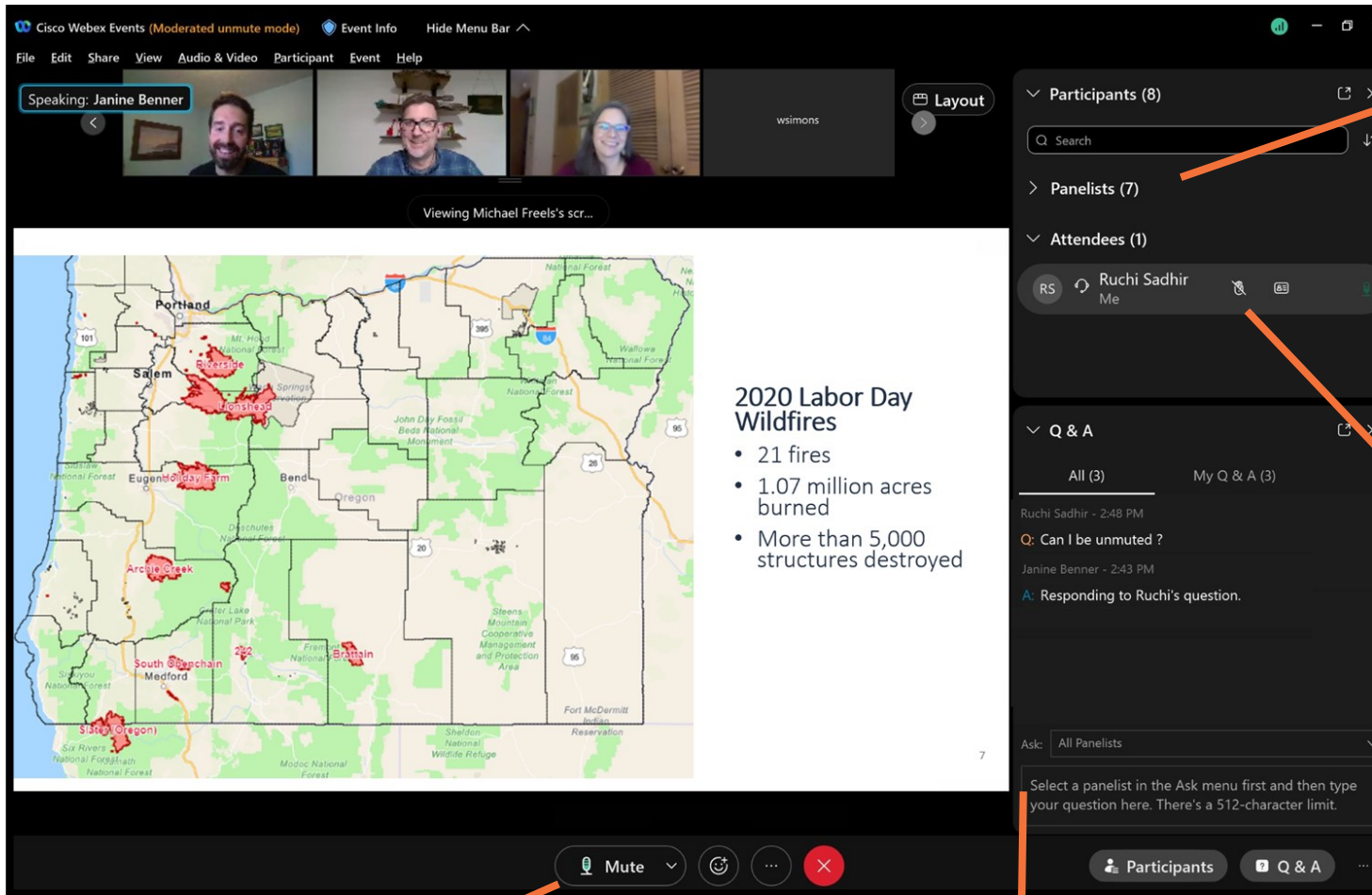
- Using the WebEx Platform
- Fall 2021 Community Meetings and Outreach
- Wildfire Recovery Legislation
- Oregon Department of Energy's Wildfire Recovery Program
- Oregon Department of Consumer and Business Services' Wildfire Hardening Program
- Questions for the Audience/Open Forum



Note: this meeting is being recorded and will be available online

<https://www.oregon.gov/energy/Incentives/Pages/EEWR.aspx>

USING WEBEX



View Panelists

Click on the small arrows to expand and see the **names of panelists**.

Raise Hand

Click on the little hand icon to **raise or lower your hand**. The meeting host can unmute you.

Audio Options



You can **raise your hand** if you have a question or comment, and the host will unmute you.

Q&A

You can **ask a question** in the box here – be sure to select **“All Panelists”** to send your question. Questions will be answered in writing or live during the presentation.

FALL 2021 COMMUNITY MEETINGS & OUTREACH

Wildfire Recovery Community Outreach: Oregon Coast

Wednesday, October 27, 2021 | 4-5 p.m.

Wildfire Recovery Community Outreach: McKenzie River

Thursday, October 28, 2021 | 4-5 p.m.

Wildfire Recovery Community Outreach: Santiam / Marion County

Tuesday, November 2, 2021 | 8:30-9:30 a.m.

Wildfire Recovery Community Outreach: Southern Oregon

Thursday, November 4, 2021 | 4:30-5:30 p.m.

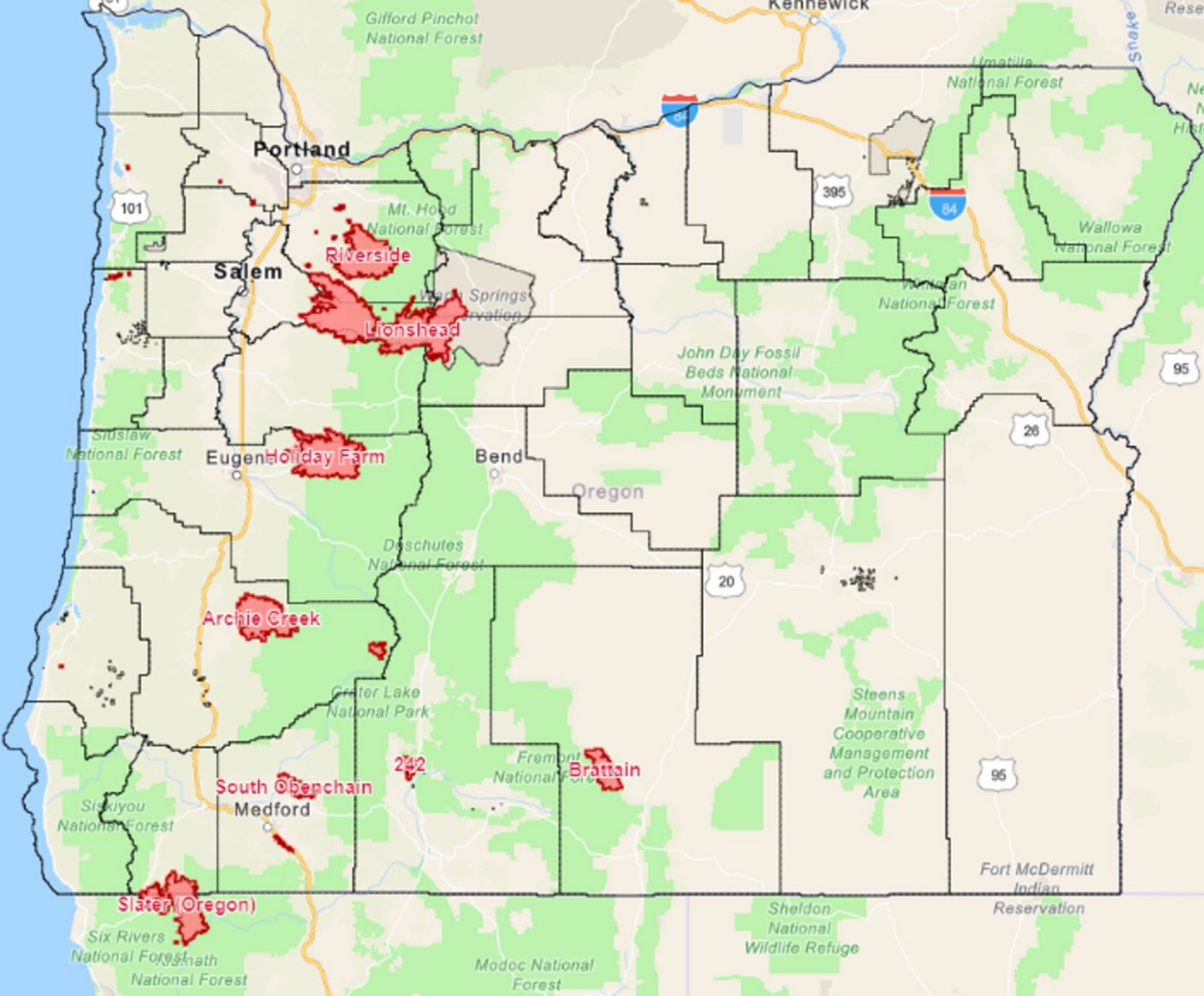
Wildfire Recovery Rulemaking Meeting

Tuesday, November 9, 2021 | 4-5 p.m.



Share your views in our comment portal:

<https://odoe.powerappsportals.us/wildfire>



2020 Labor Day Wildfires

- 21 fires
- 1.07 million acres burned
- More than 5,000 structures destroyed



2021
Legislative
Session

- HB 2289
- HB 5006

ODOE PROGRAM OBJECTIVES

The Oregon Legislature directed ODOE to create a new Energy Efficient Wildfire Rebuilding Incentive Program:

- Focus on recovery, meeting energy code, and energy efficiency
- Program budgets should address needs of survivors
- Building types are treated differently to match their needs
- Simple streamlined delivery that meets the needs of communities
- Align with state and community stakeholder feedback as much as practicable
- Incorporate equity
- Utilize public process

STAFF RESEARCH ON REBUILDING

Number of structures per county expected to be in the rebuilding process by June 30, 2023

County	Eligible Structures Lost	Estimated Rebuilding Residential	Estimated Rebuilding Commercial	Total
Clackamas	72	25	4	29
Douglas	133	53	0	53
Jackson	2551	946	71	1017
Klamath	16	10	1	11
Lane	640	230	10	240
Lincoln	289	115	0	116
Linn	71	28	0	28
Marion	664	252	12	264
Totals	4436	1658	99	1757

BUILDING CODES AND MARKET PRACTICES

- 2008 Building Codes
- Current Building Codes
- Market Practices
- Energy Savings



INCENTIVE PROGRAM DESIGN

- Code level support
- Above code support



ESTIMATED ENERGY CONSTRUCTION COSTS

2005 vs 2021 Oregon Residential Specialty Code (ORSC)

- Building Codes Division evaluated Code Values, Cost Increases and Market Changes
- Determined an estimated energy cost for homes rebuilding to the 2021 ORSC:
 - Natural Gas Home = \$5,100
 - Electric Home = \$6,600

ESTIMATED ENERGY CONSTRUCTION COSTS

2005 vs 2021 Oregon Residential Specialty Code (ORSC)

- Building Codes Division evaluated Code Values, Cost Increases and Market Changes
- Determined an estimated energy cost for homes rebuilding to the 2021 ORSC:
 - Natural Gas Home = \$5,100
 - Electric Home = \$6,600



Do these numbers match what you are seeing in your area? Do you have any thoughts or comments?

DRAFT ODOE PROGRAM DESIGN ELEMENTS

Providing Incentives for Single-Family, Manufactured Homes, and Commercial/Multi-Family structures

- Rebuilding to current Code: ODOE distributes funding, works with counties on verification
- Manufactured Homes: ODOE provides incentives for the purchase of efficient homes and for heat pump replacement
- Rebuilding above current Code: ODOE provides incentives for above-code energy efficiency by bolstering existing utility and Energy Trust of Oregon program offerings
- Commercial/Multi-Family incentives based on structure size (small/medium and large)

 **92% of incentives** supporting code-level construction and manufactured homes

 **8% allocated** to above-code energy efficient construction

DCBS WILDFIRE HARDENING PROGRAM

Grants to help 2020 wildfire survivors pay for improvements that will make homes and business more resistant to wildfire damage in the future.

Program Design:

- Building Codes is developing a list of improvements to choose from
- Specific grant amount for each option
- Partnering with counties

For more information, to sign up for email updates, and to fill out a brief survey and express interesting participating in the program, please visit our web page:

www.oregon.gov/bcd/Pages/firehardening.aspx



YOUR FEEDBACK

1. How can ODOE's program be designed to best support wildfire survivors rebuilding in a way that **saves energy and lowers their energy bills**?

1. How can ODOE's program be designed to best support wildfire survivors rebuilding in a way that **saves energy and lowers their energy bills**?
2. How is **energy efficiency being considered** by wildfire victims as they seek to rebuild? Are residential and commercial structures being rebuilt to current building codes, or **are people taking advantage** of the ability to rebuild to the 2008 building code?

1. How can ODOE's program be designed to best support wildfire survivors rebuilding in a way that **saves energy and lowers their energy bills**?
2. How is **energy efficiency being considered** by wildfire victims as they seek to rebuild? Are residential and commercial structures being rebuilt to current building codes, or **are people taking advantage** of the ability to rebuild to the 2008 building code?
3. Should ODOE consider **providing low-income wildfire victims** a higher level of incentive to offer greater support for communities struggling to rebuild?

1. How can ODOE's program be designed to best support wildfire survivors rebuilding in a way that **saves energy and lowers their energy bills**?
2. How is **energy efficiency being considered** by wildfire victims as they seek to rebuild? Are residential and commercial structures being rebuilt to current building codes, or **are people taking advantage** of the ability to rebuild to the 2008 building code?
3. Should ODOE consider **providing low-income wildfire victims** a higher level of incentive to offer greater support for communities struggling to rebuild?
4. If you are currently working toward rebuilding, **would you consider building** beyond current code to make your home more energy efficient and improve long-term lower energy bills?

1. How can ODOE's program be designed to best support wildfire survivors rebuilding in a way that **saves energy and lowers their energy bills**?
2. How is **energy efficiency being considered** by wildfire victims as they seek to rebuild? Are residential and commercial structures being rebuilt to current building codes, or **are people taking advantage** of the ability to rebuild to the 2008 building code?
3. Should ODOE consider **providing low-income wildfire victims** a higher level of incentive to offer greater support for communities struggling to rebuild?
4. If you are currently working toward rebuilding, **would you consider building** beyond current code to make your home more energy efficient and improve long-term lower energy bills?
5. How can the **application process** for a program like this be made convenient, easier and more accessible?

1. How can ODOE's program be designed to best support wildfire survivors rebuilding in a way that **saves energy and lowers their energy bills**?
2. How is **energy efficiency being considered** by wildfire victims as they seek to rebuild? Are residential and commercial structures being rebuilt to current building codes, or **are people taking advantage** of the ability to rebuild to the 2008 building code?
3. Should ODOE consider **providing low-income wildfire victims** a higher level of incentive to offer greater support for communities struggling to rebuild?
4. If you are currently working toward rebuilding, **would you consider building** beyond current code to make your home more energy efficient and improve long-term lower energy bills?
5. How can the **application process** for a program like this be made convenient, easier and more accessible?
6. How can we **best engage survivors** to ensure they know this program is available to them as they rebuild?

YOUR FEEDBACK

1. How can ODOE's program be designed to best support wildfire survivors rebuilding in a way that **saves energy and lowers their energy bills**?
2. How is **energy efficiency being considered** by wildfire victims as they seek to rebuild? Are residential and commercial structures being rebuilt to current building codes, or **are people taking advantage** of the ability to rebuild to the 2008 building code?
3. Should ODOE consider **providing low-income wildfire victims** a higher level of incentive to offer greater support for communities struggling to rebuild?
4. If you are currently working toward rebuilding, **would you consider building** beyond current code to make your home more energy efficient and improve long-term lower energy bills?
5. How can the **application process** for a program like this be made convenient, easier and more accessible?
6. How can we **best engage survivors** to ensure they know this program is available to them as they rebuild?
7. What **other questions or feedback** do you have for us as we develop this program?

MORE INFORMATION

ODOE's incentive program page:

<https://www.oregon.gov/energy/Incentives/Pages/EEWR.aspx>



Administrative Rules Activities: <https://www.oregon.gov/energy/Get-Involved/Pages/EEWR-Rulemaking.aspx>

Email ODOE: Wildfire.Recovery@energy.oregon.gov

DCBS's wildfire hardening program:

<https://www.oregon.gov/bcd/Pages/firehardening.aspx>

PROGRAM TIMELINE

Oct – Nov 2021

**Community
Meetings**



Nov 2021 – Jan 2022

Rulemaking



February 2022

**Program
Implementation**



Sign up for email updates:

<http://web.energy.oregon.gov/cn/a6n53/subscribe>

THANK YOU

If you didn't have time to provide feedback today or have other thoughts to share, please visit our public comment portal:

<https://odoe.powerappsportals.us/wildfire>