

Oregon Department of ENERGY

EO 20-04
Implementation:
Energy Code
Stakeholders

Facilitator: Roger Kainu
December 7, 2023
1:30-3:00pm



Agenda

Topic	Lead	Action	Time
Intro	ODOE staff	Share meeting description	1 min
General information	BCD and ODOE staff	Progress toward EO 20-04 and HB3409 - Rulemaking for Reach Code	5 min
Q/A	All	Question and answer time	5 min
Draft - Residential Reach Code	BCD staff	Draft Reach Code - three baseline options	10 min
Q/A	All	Question and answer time	5 min
Prescriptive option	All	Participation - discuss prescriptive option	5 min
ERI Path	All	Participation – discuss ERI path option	5 min
ENERGY STAR	All	Participation – discuss ENERGY STAR option	5 min
Additional discussion items	BCD staff	Next steps and Commercial Reach Code	5 min
Questions, comments, requests	All	Stakeholder input	5 min
Wrap-up	All	Next meeting – TBD	5 min

General Information

- Progress toward Executive Order 20-04
- HB 3409
- Upcoming meeting on December 20, 2023 @ 9:30AM

Draft - Residential Reach Code

Three options:

1. “Prescriptive” (previous Reach integrated into 2023 ORSC.)
2. ERI Path (from last Reach): Update the ERI figures.
3. Energy Star (v3.2 national.)

What works – what doesn’t?

- Any other paths?
- “Small” homes version

Prescriptive

- Improvement relative to 2023 (regulated loads)
 - Integrate 2023 ORSC with 2021 Reach Code
 - New items from 2023 ORSC as starting point
- Add Additional measures or “Paths” (packages) that align with Incentives (ETO, BPA)?
- Home size/affordability?
- Other Topics?

ERI Path – 2023 BASE ORSC Compliance Path

- Setting the ERI Targets
 - Cross check with equivalency to REM/rate or other ERI software.
- BCD to use REM/Rate modeling
 - Figure relative to prescriptive? ENERGY STAR V3.2 National? 2026 ORSC target?
- Backstops?
 - Envelope
 - Air Sealing/Testing
- Renewables: ERI with renewable energy
 - Maximum PV/Renewable level
 - Encourage Market Transformation without discouraging
 - Storage to allow greater PV?

ENERGY STAR

- Significant improvements and tied to incentives (statewide)
- www.energystar.gov/partner_resources/residential_new/homes_prog_reqs/national_page
- National Version 3.2, Rev. 12: Oregon and Washington Jan. 1, 2025
- Timing for application for Oregon

OR, WA	10/1/2020	Oregon and Washington v3.2	Rev. 10
	1/1/2022	Oregon and Washington v3.2	Rev. 11
	1/1/2024	Oregon and Washington v3.2	Rev. 12
	1/1/2025	National v3.2	Rev. 12

ENERGY STAR

- National Version 3.2, Rev. 12
- ERI Target based on:
- 2021 IECC Envelope: R-60 attic & Continuous Insulation walls
 - R-10 slab edge/4-ft. (Change from OR/WA v3.2)
- U-0.27 Windows
- High efficiency HVAC and water heating; Ducts-inside
- Certification/Raters & Energy Star appliances

Additional Discussion Items

- Recap of other ideas.
- Will go to the RMSB and to rulemaking.
- Review “next steps.”
- Commercial – start thinking about Commercial Reach Code version.

Additional
questions/comments/requests?

Meeting Wrap-up



- Recording will be available
- Action items identified and distributed
- Next meeting date – TBD
- Any questions, please send to:
Roger.Kainu@Energy.Oregon.Gov

- Meeting materials:
<https://www.oregon.gov/energy/Get-Involved/Pages/Energy-Code-Stakeholder-Panel.aspx>

- BCD:
<https://www.oregon.gov/bcd/Pages/index.aspx>