

Oregon Department of **ENERGY**

EO 20-04
Implementation:
Energy Code
Stakeholders

Facilitator: Roger Kainu
March 25, 2021
1:30-3:00pm



Agenda

Topic	Lead	Action	Time
Intro	ODOE staff	Share meeting description	1 min
Residential Reach Code Update	BCD/ODOE staff	Latest news on Reach Code development	10 min
Q/A	All	Question and answer time	5 min
Home Sizing Breakout Group Update	BCD/ODOE staff	BCD providing update on home size levels in code	10 min
Q/A	All	Question and answer time	5 min
Training, Training, Training	BCD/ODOE staff	Update on upcoming code training	10 min
Q/A	All	Question and answer time.	5 min
Wrap-up	ODOE staff	Determine action steps and announce next meeting – June 15th	5 min

Residential Reach Code

- Update on latest progress with Reach Code
 - Past Reach Code
 - Current Executive Order requirements
 - Where are we in the process of Reach Code implementation

House Sizing for Residential energy Code

- Why develop house sizing structure in residential code
- How size standards can work
- Need for a work group

Energy Code Training Opportunities

- Building officials
- Industry trades
- Builder Associations



2015-2020 EPS New Construction Program Data

March 25, 2021

About us

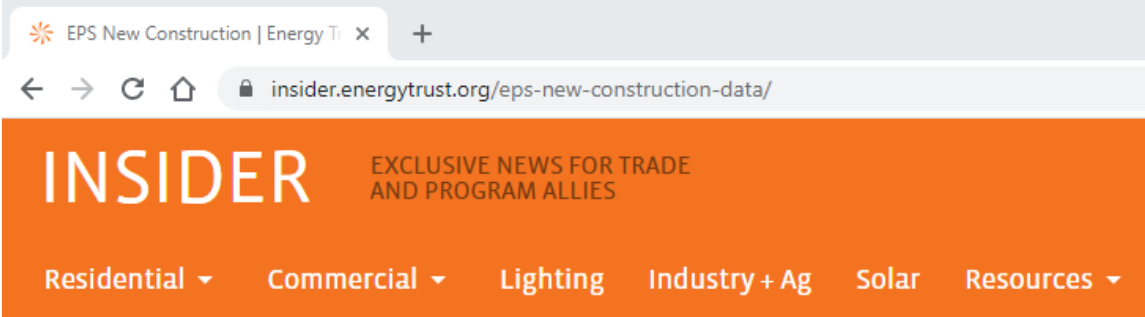
Independent
nonprofit

Serving 1.6 million customers of Portland
General Electric,
Pacific Power, NW Natural,
Cascade Natural Gas and Avista

Providing access to
affordable energy

Generating
homegrown,
renewable power

Building a stronger
Oregon
and SW
Washington



EPS NEW CONSTRUCTION

2015–2020 Homes Data Set

OVERVIEW

EPS New Construction

Energy Trust of Oregon's EPS New Construction offering from the Residential program spotlights the benefits of newly built energy-efficient homes. Energy Trust trade ally verifiers develop an energy simulation model for each home in REM/Rate™ following Standard Modeling Protocol Guidelines and additional EPS amendments. Each EPS home receives third-party verification to ensure quality construction and data integrity.

EPS homes employ advanced building features that improve their energy efficiency relative to code-built homes. These features may include:

- High-performance windows and insulation
- Efficient water heating
- Advanced air sealing
- Tightly sealed ductwork
- High-efficiency HVAC equipment

EPS Homes Data Set

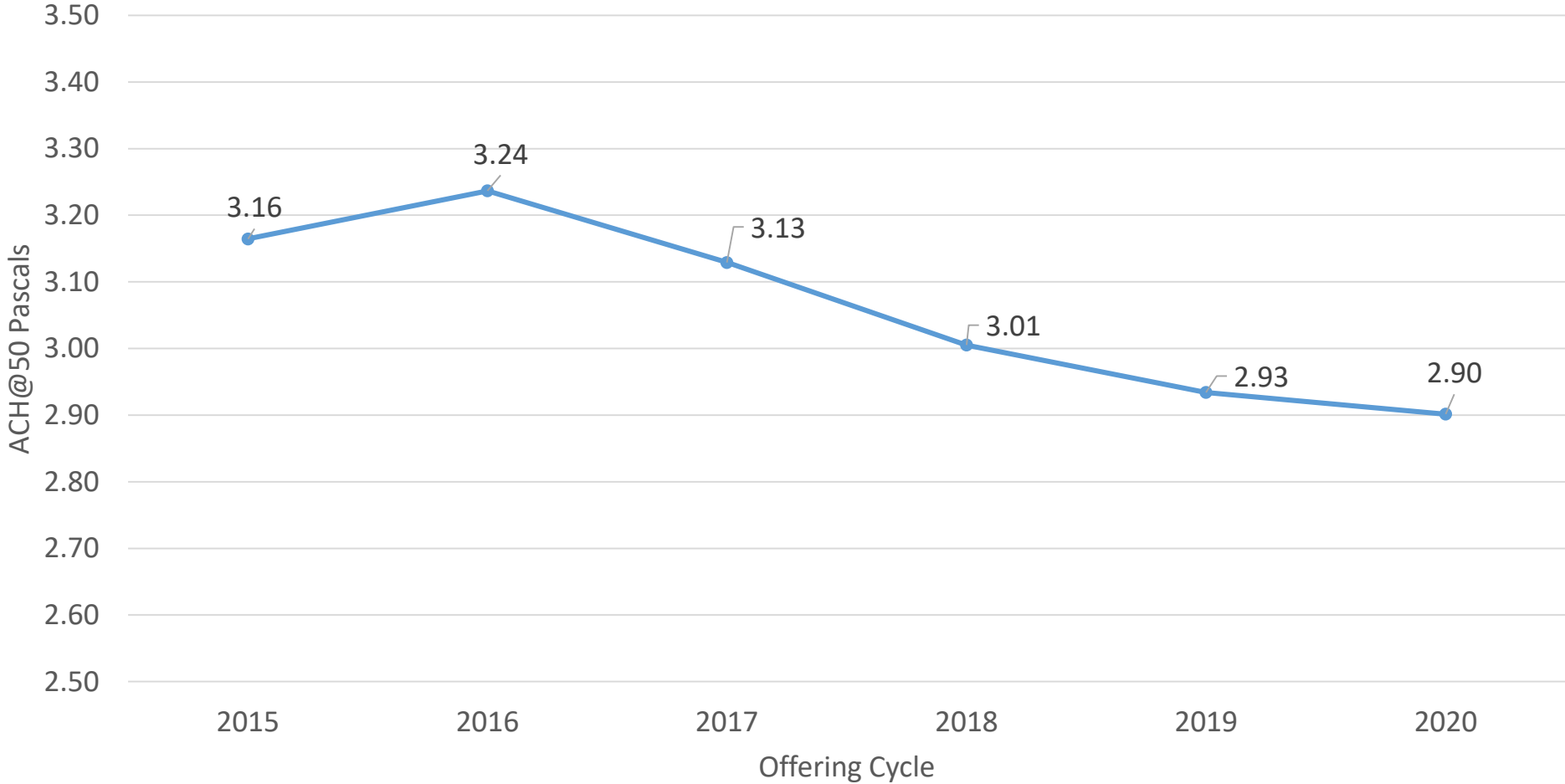
Energy Trust is releasing a data set to help industry experts and the public understand the types of upgrades program participants made, as well as the performance levels they achieved in above-code residential new construction in Oregon. The data set represents homes built in Oregon between 2015 and 2018 that were modeled against a 2014 Oregon Residential Specialty Code (ORSC) baseline, as well as homes built in 2018

EPS Data Set

EPS Offering Cycle	Number of Homes	Model Baseline
2015	2,294	2014 ORSC
2016	3,035	2014 ORSC
2017	3,660	2014 ORSC
2018	1,088	2014 ORSC
2018	1,079	2017 ORSC
2019	2,942	2017 ORSC
2020	620	2017 ORSC
2020	2,568	2017 ORSC*
	17,286	TOTAL

<https://insider.energytrust.org/eps-new-construction-data/>

Average ACH





Thank you

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Meeting Wrap-up



- Recording will be available
- Action items identified and distributed
- Next meeting date 6/15/2021
- Any questions, please send to:
Roger.Kainu@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>