



RBSA 2022 Webinar #4

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Agenda



Background



Study Updates



Resources/Questions



Background



NEEA's Business Plan: Stock Assessments



Single-family



Multi-family



“This will be the first cycle that natural gas funding supports the stock assessments.”



RBSA Workgroup

Purpose: The Residential Building Stock Assessment (RBSA) Work Group will provide NEEA with decision support and coordination on key components of the study's design and implementation.

- Avista
- Bonneville Power Administration
- Cascade Natural Gas
- Clark PUD
- Energy Trust of Oregon
- Idaho Power
- Northwest Natural Gas
- Northwest Power and Conservation Council
- Puget Sound Energy
- Regional Technical Forum
- Seattle City Light
- Snohomish County PUD

Residential Building Stock Assessment (RBSA)

Vision Statement:

“Support the region's energy efficiency, resource planning, and utility objectives through a regionally representative, statistically rigorous, and comprehensive assessment of residential buildings.”



Recruiting and Site Visits



Recruiting and Site Visits Overview

High Level Updates:

1. Single-family and multi-family site visits are ongoing
2. Continued adjustments required and challenging recruitment due to COVID-19
3. Minor adjustments to the data collection tool / protocols
4. Completing site visits across a wider geographic region



RBSA 2022 Site Visits – Single-Family

Completed work (as of 3/16):

- 406 single-family sites (including some oversample sites)
- 151 single-family sites with HVAC testing
- 104 more single-family sites scheduled
- 14 multi-family property surveys
- 31 multi-family tenant unit surveys



Recruitment

Recruitment Metrics (single-family):

- 3.5% overall mail-to-web survey response rate*
- 40% of web survey respondents choose to be contacted about the RBSA on-site
- An additional 16% of web survey respondents ask to be contacted later (1+ month) about the on-site
- Slightly less than half of soft recruited web survey respondents have participated, to-date

*this includes mailers that were sent out within the last two weeks

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Updates to Data Collection



Data Collection Updates

Key adjustments:

- Tracking presence of small kitchen appliances (toasters, etc.), but removing make and model numbers
- Tracking presence of printers, scanners, and copiers, but removing make and model numbers
- Adjusted collected parameters for power strips (including *not collecting* what is plugged into the power strips)
- Removed standalone DVRs (“TiVo”) and flag presence of set-top-boxes with TVs



Timeline

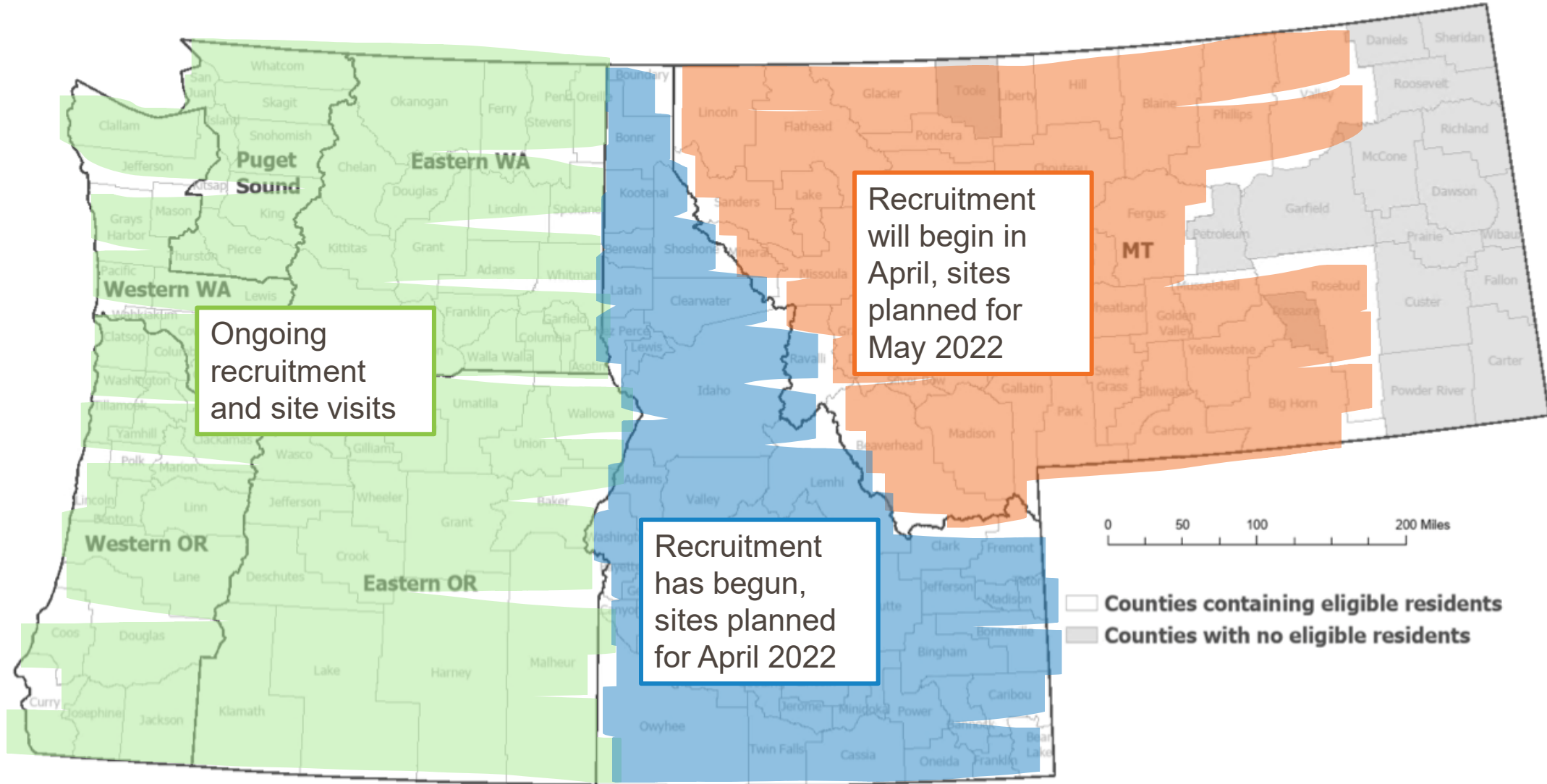


RBSA Timeline - Overview

Study Component	2021				2022				2023
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Study Design and Planning	█								
Systems and Resources Development and Testing	█			█					
Recruitment and Data Collection				█	█		█		
Data Analysis						█		█	
Reporting and Presentations								MF	SF



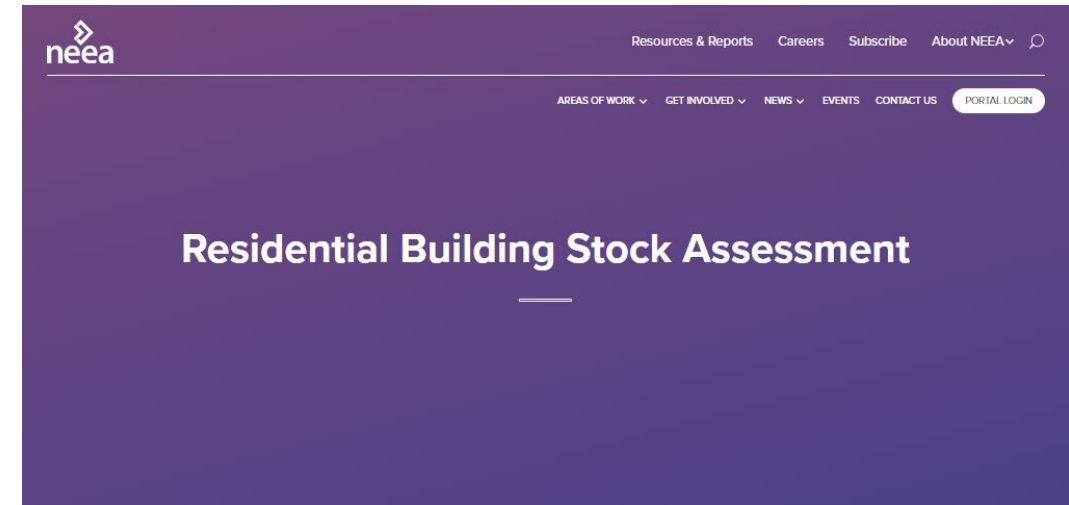
RBSA Timeline – Where and When?





RBSA Info

- 1. RBSA FAQ:** Will be on neea.org/RBSA and delivered to utilities prior to recruitment in their service territory.
- 2. List serve:** neea.org/subscribe
 - 1. Building Stock Assessments**
- 3. Webinars:** Quarterly



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NEEA is planning the next RBSA! We anticipate conducting field work from July 2021 to June 2022 and publishing final datasets and reports by Q1 2023. This timeline is subject to change as we monitor and adapt to the COVID-19 pandemic.

The RBSA is designed to develop a characterization of the residential sector that considers the diverse climates, building practices and fuel choices across the region. This study informs future energy planning efforts as well as energy efficiency utility programs and rebates offered by the region's utilities, the [Energy Trust of Oregon](#) and the [Bonneville Power Administration](#). The most recent RBSA was fielded in 2016. Those reports, database, and supporting documentation are included in the corresponding drop downs below.

Questions on the RBSA?

View our [Frequently Asked Questions](#) and supporting documentation for more info and sign up for the [Northwest Building Stock Research Data subscription list](#) to get timely RBSA updates.



NEEA Contacts



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Questions?



Thank you

