



# Code Amendment Proposal Application

Department of Consumer & Business Services

Building Codes Division

1535 Edgewater NW, Salem, Oregon

Mailing address: P.O. Box 14470, Salem, OR 97309-0404

Phone: 503-378-4133, Fax: 503-378-2322

Oregon.gov/bcd

**Read the entire code amendment proposal application before completing this form. Please complete all parts before submitting your proposal and refer to the provided checklist.**

## APPLICANT INFORMATION

Name: Kevin Duell

Date: 08/16/2022

Representing (if applicable): NW Natural

Work phone: 503-610-7990

Mailing address: 250 SW Taylor

Cell phone: 503-757-3914

City: Portland

State: OR

Zip: 97204

Email address: kevin.duell@nwnatural.com

## PROPOSAL INFORMATION

Specialty code: ORSC

Code section(s): Section NA1109.5 (new)

Briefly explain the subject of your proposal: Adds a performance-based compliance path for energy efficiency, matching language from the 2021 Residential Reach Code.

## INSTRUCTIONS AND CHECKLIST

Fill in all the information above and submit this page, signed and dated, with the required supplementary information for Parts I, II, III, and IV described on page 2 of this application. This application may be submitted by mail to the mailing address above, or by email to [BCD.PTSPtech@oregon.gov](mailto:BCD.PTSPtech@oregon.gov).

### Summary checklist for the applicant:

- Part I** Code amendment language is attached in the proper format.
- Part II** Amendment proposal requirements for amending the code have been reviewed.
- Part III** Amendment proposal criteria questions have been answered and are attached.
- Part IV** If applicable, additional ORSC energy efficiency amendment proposal information is attached.

**Note:** One application is required for each code section you are proposing to amend. If this proposal requires changes in other sections of the code for alignment, include those changes as part of this application.

## APPLICANT SIGNATURE

Signature:

*Kevin Duell*

Date: 8/26/2022

**Copyright notice:** By signing this Code Amendment Proposal Application, I understand and acknowledge that the work contained in this application is original, or if not original, I have the right to copy the work. By signing this work, I understand that any rights I may have in this work, including any form of derivative works and compilations, are assigned to the Department of Consumer and Business Services Building Codes Division. I also understand that I do not retain or acquire any rights once this work is used in a Department of Consumer and Business Services Building Codes Division publication.

## **PART I – CODE AMENDMENT LANGUAGE**

[NA1109.5 Energy Rating Index \(ERI\) Path](#). Compliance with this section requires that the thermal envelope of the project meet or exceed the efficiency requirements of Section N1104 and the rated design shall be shown to have a score less than or equal to the values in Table NA1109.5 when compared to the ERI reference design determined in accordance with RESNET/ICC 301, excluding renewable power.

**TABLE NA1109.5**  
**MAXIMUM ENERGY RATING INDEX (ERI)**

<u>Climate Zone</u>	<u>ERI not including OPP</u>
<u>4C</u>	<u>54</u>
<u>5B</u>	<u>55</u>

## **Part III – CODE AMENDMENT PROPOSAL CRITERIA**

### Proposal

1. Describe the concept and purpose of this proposal. [Adds another compliance path based on Section R406 of the 2021 IECC](#)
2. What problem in the existing Oregon code or national model code is this proposal solving? How does this amendment address the issue? If you have evidence demonstrating the problem, submit that information. [Allows greater flexibility for designers and builders to meet energy saving goals, similar but simpler than existing provisions of Section NA1109.](#)
3. Has this been proposed at the national model code level. If so, explain when it was proposed, what happened, and why it was not adopted. Provide all associated national model code hearing information and background. [It is directly based on the 2021 Oregon Residential Reach Code that is based on the 2021 IECC. Maximum Energy Rating Index values are from 2021 IECC.](#)

### Implementation and fiscal impact

1. Explain how the proposed provisions would be enforced? Are additional inspections or permits required? Describe any necessary equipment, training, tests or special certifications. [Enforcement efforts may increase as this adds another pathway for compliance that will need to be reviewed. This may expand the scope and training of plans examiners and code officials.](#)
2. What is the fiscal impact of this proposal? Provide a cost benefit analysis and include the resources or methods you used to determine the fiscal impact. [No fiscal impact is expected.](#)

### Impacted stakeholders and other specialty codes

1. It is important that proposals be shared with stakeholders that will be impacted by them. Was this proposal developed with people or organizations likely to be affected by it? Has it been reviewed or shared with people or organizations likely to be affected by it? If so, who, and if not, why not? [Seeing as](#)

how this is already part of the 2021 Oregon Residential Reach Code and was supported by stakeholders as part of that code development process, we saw no need for further validation.

2. Does this proposal impact other specialty codes or statewide programs? We don't expect so.