



# Commercial Reach Code Proposal Application

Department of Consumer & Business Services

Building Codes Division

1535 Edgewater NW, Salem, Oregon

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**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:	Date:	
Representing (if applicable):	Phone:	
Mailing address:		
City:	State:	Zip:
Email address:		

## PROPOSAL INFORMATION

Code section(s):
Briefly explain the subject of your proposal:

## INSTRUCTIONS AND CHECKLIST

Fill in all the information above and submit this page with the required supplementary information for Parts I and II. This application may be submitted by mail to the mailing address above or by email to [bcd.ptsptech@dcbs.oregon.gov](mailto:bcd.ptsptech@dcbs.oregon.gov).

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### Part I Code language

You must provide exact language for your code proposal. Include all code sections that require changes and use the following format to show additions and deletions from the code:

Underline for added text

~~Strikethrough~~ for deleted text

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### Part II Commercial Reach Code proposal criteria

Provide responses to the criteria questions on page 2 of this application.

**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:

**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.

## COMMERCIAL REACH CODE PROPOSAL CRITERIA

1. Describe the concept and purpose of this proposal. [Add another section and method to the OCRC to allow for compliance using Additional Efficiency Credits.](#)
2. Does this proposal increase efficiency over the Oregon Energy Efficiency Specialty Code energy provisions? If so, explain how and provided any supporting documentation. [This will improve efficiency by at least 10% over the OEESC.](#)

### Helpful information to include

- a) How many incremental MBtus will be saved annually?
- b) What is the associated annual energy cost savings? [Should result in at least a 10% savings for any using the OCRC instead of the OEESC.](#)

3. What is the fiscal impact of this proposal?

### Helpful information to include

- a) What is the fiscal impact to the end consumer? [End consumer should see lower energy costs.](#)
- b) What is the fiscal impact to the builder/contractor? [Builder/contractor will see increased construction cost.](#)
- c) What is the simple payback of the fiscal impact when considering the annual energy savings? [Will vary.](#)
- d) What is the life-cycle cost, if available?

4. 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?

## APPLICATION REVIEW

If you submit completed proposed code amendments to the division before the end of the timetable established in the proposal notice the division will forward them to the appropriate advisory board for review. The division will not forward proposed code amendments that are not completed before the end of the timetable.

**CR1301.2 Scope.** This code shall apply to laboratories, data centers, conditioned warehouses, and retail or mercantile buildings over 40,000 ft<sup>2</sup> serving a single tenant, and all other new buildings over 100,000 ft<sup>2</sup> of conditioned floor area.

**Exception:** R-2, R-3, and R-4 occupancy buildings 5-stories and fewer.

**CR1301.3 Application.** New buildings, other than data centers, shall comply with the ~~2021~~ 2024 OEESC and either Section CR1301.3.1, ~~or~~ CR1301.3.2 or CR1301.3.3. Data centers shall comply with the ~~2021~~ 2024 OEESC, using Standard 90.1 Section 4.2.1.1, Item a. and Section CR1301.3.34.

**CR1301.3.1 Additional Efficiency Requirements Method.** Comply with Standard 90.1 Section 4.2.1.1., Item a., Prescriptive Path (Sections 5, 6, 7, 8, 9, 10 and 11), modified by the following: Projects shall achieve 100 credits in addition to the total of credits required in Standard 90.1, Table 11.5.1-1 based on the building use type and climate zone.

**CR1301.3.12 Energy Cost Budget Method.** Comply with Standard 90.1 Section 4.2.1.1., Item b., Energy Cost Budget Method (~~Chapter 11~~ Section 12), modified by the following: The design energy cost shall be less than 90% of the energy cost budget.

**CR1301.3.2 3 Appendix G Method.** Comply with Standard 90.1 Section 4.2.1.1, Item c., Performance Rating Method (Appendix G), to achieve a 10% reduction of regulated energy use. The Performance Cost Index Target (PCIt) formula is modified as follows:

$$PCIt = [BBUEC + (BPF \times 0.90 \times BBREC)] / BBP$$

**CR1301.3.34 Data Centers.** Data centers shall comply with Standard 90.1-~~2019~~ 2022 Section 4.2.1.1., Item a., and Sections 6.5.1.1, 8.2.1, and 8.5 as modified by the ~~2021~~ 2024 OEESC. In addition, the maximum Mechanical Load Component (MLC) and Electrical Load Component (ELC) targets using ANSI/ASHRAE Standard 90.4-~~2019~~ 2022 shall be reduced by 10%.