



## Code Amendment Proposal Application

Department of Consumer & Business Services  
Building Codes Division  
1535 Edgewater NW, Salem, Oregon  
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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: Sumner J. Hill Jr.	Date: 17 August, 2022	
Representing (if applicable):	Work phone: 541-962-1318	
Mailing address: 1000 Adams Ave	Cell phone: 541-786-0780	
City: La Grande	State: Or	Zip: 97850
Email address: bhill@cityoflagrande.org		

### PROPOSAL INFORMATION

Specialty code: Oregon Residential Specialty Code
Code section(s): N1107.4 Solar interconnect pathway
Briefly explain the subject of your proposal: Providing a more complete pathway for solar interconnect without having to open walls in future to install solar.

### 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: 	Date: 17 August, 2022
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This proposed change does not affect any other code sections.

N1107.4 Solar interconnection pathway. A square metal junction box not less than 4 inches by 4 inches (102 mm by 102 mm) with a metal box cover shall be provided within 24 inches (610 mm) horizontally or vertically of the main electrical panel. A minimum  $\frac{3}{4}$ -inch rigid metal raceway shall extend from the junction box to a capped roof termination or to an accessible location in the attic with a vertical clearance of not less than 36 inches (914 mm). **Raceway shall also extend from 4 inch by 4 inch box to the main electrical panel to provide access to panel without removing finished walls.**

Where the raceway terminates in the attic, the termination shall be located not less than 6 inches (152 mm) above the insulation. The end of the raceway shall be marked as "RESERVED FOR SOLAR."

Exception: In lieu of  $\frac{3}{4}$  inch rigid metal raceway, a minimum #10 copper 3-wire MC cable installed from the junction box to the termination point including 6 inches (152 mm) additional wire is permitted. **Where MC cable is used and extended into main electrical panel, it should be identified as 'reserved for future solar'.**

This amendment was added to the 2017 ORSC. Its purpose was to provide a pathway for solar interconnection without having to open up finished walls. It does not provide a complete path to the panel as there is no requirement to connect the 4 square box to the panel. This change would complete the needed path to the panel without the need to open up a finished wall to gain access to the electrical panel. This proposal would add a minimal cost to the building of a new house and would decrease future cost to incorporate solar to a house in the future. This change would only add about \$100.00 to the total cost of labor and material to wire a house.