



STATE OF WASHINGTON
STATE BUILDING CODE COUNCIL

May 2018
Log No. _____

1. State Building Code to be Amended:

- | | |
|-----------------------------------------------------------------|---------------------------------------------------------------|
| <input checked="" type="checkbox"/> International Building Code | <input type="checkbox"/> International Mechanical Code |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code | <input type="checkbox"/> International Fuel Gas Code |
| <input type="checkbox"/> International Existing Building Code | <input type="checkbox"/> NFPA 54 National Fuel Gas Code |
| <input type="checkbox"/> International Residential Code | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code |
| <input type="checkbox"/> International Fire Code | <input type="checkbox"/> Wildland Urban Interface Code |
| <input type="checkbox"/> Uniform Plumbing Code | |

For the Washington State Energy Code, please see specialized [energy code forms](#)

Section(s):

711

Title:

Horizontal Assembly for ESS

2. Proponent Name:

Proponent: Seattle Department of Construction and Inspections (SDCI)

Title: Technical Code Development

Date: 9/16/2024

3. Designated Contact Person:

Name: Micah Chappell

Title: Technical Code Development Manager

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4. Proposed Code Amendment.

Code(s) 2024 International Building Code Section(s) 711

Add new language in section to read as follows:

711.2.4.7 Energy Storage Systems. *Where required by the International Fire Code, the horizontal assembly separating energy storage systems from the remainder of the building, shall have a minimum 2-hour fire-resistance rating.*

- 5. Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.** Specifically note any impacts or benefits to business, and specify construction types, industries and services that would be affected. Finally, please note any potential impact on enforcement such as special reporting requirements or additional inspections required.

The 2024 International Fire Code (IFC) requires horizontal assemblies provide a 2-hour fire resistance rating when separating areas containing energy storage systems (ESS), from other areas of the building, and has a pointer to Section 711 of the International Building Code (IBC). This proposed additional language to Section 711 of the IBC provides the minimum fire resistance rating required for those horizontal assemblies aligning the IBC with IFC.

- 6. Specify what criteria this proposal meets.** You may select more than one.

- The amendment is needed to address a critical life/safety need.
- The amendment clarifies the intent or application of the code.
- The amendment is needed to address a specific state policy or statute.
- The amendment is needed for consistency with state or federal regulations.
- The amendment is needed to address a unique character of the state.
- The amendment corrects errors and omissions.

- 7. Is there an economic impact:** Yes No

If no, state reason:

This fire barrier is already required by the Fire Code, this is just an alignment with that requirement between the codes.

Please send your completed proposal to: sbcc@des.wa.gov