



STATE OF WASHINGTON  
**STATE BUILDING CODE COUNCIL**

May 2018  
Log No. \_\_\_\_\_

**1. State Building Code to be Amended:**

- ☐ International Building Code
- ☐ ICC ANSI A117.1 Accessibility Code
- ☐ International Existing Building Code
- ☐ International Residential Code
- ☒ International Fire Code
- ☐ Uniform Plumbing Code

- ☐ International Mechanical Code
- ☐ International Fuel Gas Code
- ☐ NFPA 54 National Fuel Gas Code
- ☐ NFPA 58 Liquefied Petroleum Gas Code
- ☐ Wildland Urban Interface Code

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

**Section(s): 2018 WA State Fire Code Chapter 12, Chapter 80**

**Title: Energy Systems, Referenced Standards**

**2. Proponent Name (Specific local government, organization or individual):**

**Proponent: Ken Brouillette (Seattle Fire Department)**

**Title: Technical Code Development Coordinator**

**Date: 11/18/2022**

**3. Designated Contact Person:**

**Name: Ken Brouillette (Seattle Fire Department)**

**Title: Technical Code Development Coordinator**

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- 4. Proposed Code Amendment.** Reproduce the section to be amended by underlining all added language, striking through all deleted language. Insert new sections in the appropriate place in the code in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code additional pages may be attached. (Examples on the SBCC [website](#))

**Code(s)** 2018 WA State Fire Code **Section(s)** Chapter 12 and 80

Enforceable code language must be used; see an example [by clicking here](#).

Amend section to read as follows:

**1201.1 Scope.** The provisions of this chapter shall apply to the installation, operation and maintenance of energy systems used for generating or storing energy. It shall not apply to equipment associated with the generation, control, transformation, transmission, or distribution of energy installations that is under the exclusive control of an electric utility or lawfully designated agency. Energy storage systems regulated by Section 1206 shall comply with this chapter as appropriate and NFPA 855.

### **Chapter 80 REFERENCED STANDARDS**

**NFPA 855-23** Standard for the Installation of Stationary Energy Storage Systems  
**1201.1**

- 5. Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.**

Energy Storage Systems is an industry that is emerging very quickly and there are many associated hazards to the installation of these systems. The 2018 International Fire Code does not have enough language to address these hazards. This proposal permits the AHJ to use NFPA 855 as a referenced document, per Section 102.7, and it then will be part of the WA State Fire Code until the appropriate code sections are updated in future editions.

- 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

Explain: Installers are already turning to NFPA 855-2023 for guidance for installations.

If there is an economic impact, use the tool below to estimate the costs and savings of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance. If preferred, you may submit an alternate cost benefit analysis.

Provide your best estimate of the construction cost (or cost savings) of your code change proposal? (See OFM Life Cycle Cost [Analysis tool](#) and [Instructions](#); use these [Inputs](#). **Webinars on the tool can be found [Here](#) and [Here](#)**)

\$Click here to enter text./square foot (For residential projects, also provide \$Click here to enter text./dwelling unit)

Show calculations here, and list sources for costs/savings, or attach backup data pages

List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application:

Please send your completed proposal to: [sbcc@des.wa.gov](mailto:sbcc@des.wa.gov)

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.