

**WASHINGTON STATE BUILDING CODE COUNCIL  
 APPLICATION FOR REVIEW OF A PROPOSED LOCAL AMENDMENT  
 TO THE WASHINGTON STATE BUILDING CODE**

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

- International Building Code
- International Mechanical Code
- Uniform Plumbing Code
- International Fuel Gas Code
- NFPA 58 Liquefied Petroleum Gas Code
- International Residential Code
- International Fire Code
- ICC ANSI A117.1 Accessibility Code
- NFPA 54 National Fuel Gas Code
- State Energy Code

**Section**     **R335**                          **Page**     **69**    

**2. Type of Local Amendment**

- Preproposal                       Final Adoption                       Reconsideration

**3. Applicant:**

    **Jeffrey L. Rowe, CBO**    

**4. Local Jurisdiction Adoption**

    **Ordinance No. 2021-46s**              **07/07/2021**      
 Ordinance or Resolution No.                      Date Adopted

**5. Signed:**

    Pierce County Executive                              **Pierce County Executive**      
 Pierce County Executive    Title    Date

**6. Contact Person:**

    **Jeffrey L. Rowe, CBO**                              **Pierce County Building Official**      
 Name    Title  
 Address:     **2401 South 35<sup>th</sup> Street**      
    **Tacoma, Washington 98409-7460**    

**Phone:**     **(253) 798-7126**          **Fax:**     (     ) N/A          **E-mail:** [jeffrey.rowe@piercecountywa.gov](mailto:jeffrey.rowe@piercecountywa.gov)

7. **Proposed Code Amendment** (Underline all added words, strike through deleted words) Additional pages may be attached.

Code 2018 International Residential Code Section 335 Page 69

Add the following definitions and new section.

**ELECTRIC VEHICLE (EV) READY PARKING SPACE.** A parking space provided with an EV charger or a receptacle outlet allowing charging of electric vehicles.

**ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE).** The conductors, including the ungrounded, grounded, and equipment grounding conductors, and the electric vehicle connectors, attachment plugs, personnel protection system, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

**SECTION R335  
ELECTRIC VEHICLE CHARGING**

**R335 Electric vehicle charging for new construction.** *Dwellings* shall provide a minimum of one onsite *electric vehicle ready parking space* for each *dwelling unit*. This parking space shall be provided with *electric vehicle supply equipment* (EVSE) of a minimum 40-ampere dedicated 208/240-volt branch circuit. The branch circuit shall terminate in close proximity to the proposed location of EV charging equipment.

Electric vehicle supply equipment (EVSE) shall be installed in accordance with applicable requirements of RCW 19.28 and the National Electrical Code, Article 625.

**Exception:** Electric vehicle charging infrastructure is not required if any of the following conditions are met:

1. There is no public utility or commercial power supply.
2. Dwelling units without garages or other on-site parking.

**8. Background information on amendment.**

The Pierce County Sustainability 2030 plan promotes the transition to electric vehicles as a strategy for reducing transportation generated greenhouse gas (GHG) emissions, supporting the County and Washington State goals of reducing GHG emissions 45% by 2030. Promoting adoption of electric vehicles (having no tailpipe emissions) further supports improvements in air quality, which has been negatively affected by wood smoke and emissions from vehicle travel on major highways within and throughout the County.

Compared to other areas in the region, many areas within Pierce County receive a lower transportation index value from the Puget Sound Regional Council (in part measuring a higher commute cost and lower access to transit options). Providing electric vehicle charging readiness supports residents in adopting electric vehicles as a valuable travel option that is cheaper to operate than a gasoline vehicle.

Providing electric vehicle charging readiness at the time of construction of new one- and two-family dwellings supports and increases the use of electric vehicles and is more cost effective than retrofitting a structure with electric vehicle charging capability after construction.

## INSTRUCTIONS

1. Check the code or codes for which amendments are being proposed.
2. If only Council review and comment are requested, it is a pre-proposal amendment. If the amendment is being proposed for implementation statewide, it is a statewide amendment. If the amendment has been adopted by a local government for local implementation and enforcement, and only effects single and multifamily buildings as defined by RCW 19.27.015, it is a local government residential amendment. If the amendment has been rejected by the Council, it is for reconsideration.
3. Provide the name of the local government, organization, or individual proposing the code change.
4. Ordinance or resolution number and date official action was taken for local government residential amendment. Amendments affecting 1-4 unit residential buildings should be adopted contingent upon approval by the State Building Code Council.
5. When the application is for approval of a local amendment, it shall be signed by the Chief Executive Officer of a city or county, City Mayor, Chair of County Board of Commissioners, or County Executive.
6. Provide the name, address, and phone number of the contact person designated to work with the Council and staff to supply information on the proposed changes as needed.
7. The specific section for which an amendment is proposed should be listed. The **entire section** should be reproduced, including the proposed amendatory language.

All added words should be underlined, all deleted words should be struck through. Any separate new sections added should be inserted 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.

8. Provide background information on the code amendment to include need or reason for the amendment, as well as any other information appropriate to assist the Council in a clear understanding of the issue.
9. Mail the completed application to:

State Building Code Council  
Post Office Box 42525  
Olympia, Washington 98504-2525  
Phone: (360) 725-2966

**NOTE: REPRODUCE THIS FORM AND ADD ADDITIONAL PAGES AS NEEDED.**