

## REQUIREMENTS FOR INCLUSION IN BPA NEW MULTIFAMILY CONSTRUCTION QUALIFIED PROGRAMS LIST

Bonneville Power Administration maintains two Qualified Programs Lists (QPL) for programs and pathways that qualify for its New Multifamily Construction payments.

- The first QPL is for the BPA Energy Efficient New Multifamily Construction measure, which requires proving that the program or pathway is at least 10 percent more energy efficient than the 2015 Washington Energy Code.
- The second QPL is for the BPA Zero Energy Ready New Multifamily Construction measure, which requires proving that the program or pathway is at least 25 percent more efficient than the 2015 Washington Energy Code.

### Maximum Demonstrated Energy Use Allowed in Residential Spaces for Qualified Programs

	Maximum kBtu/ft <sup>2</sup>	Maximum kWh/ft <sup>2</sup>
10 Percent More Efficient (Energy Efficient Tier)	27.6	8.1
25 Percent More Efficient (BPA Zero Energy Ready Tier)	23.0	6.7

More information about this measure is available in the Residential New Construction section of the BPA Implementation Manual (forthcoming Oct 2017).

<https://www.bpa.gov/EE/Policy/IManual/Pages/default.aspx>

**This document details the requirements that must be met before a program or pathway may be listed on either QPL or qualify for payments.**

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All certification providers requesting program or pathway approval for inclusion on the BPA New Multifamily Construction QPL must submit the following items to Jess Kincaid, Program Manager, at [jbkincaid@bpa.gov](mailto:jbkincaid@bpa.gov). All submissions will be reviewed by BPA on a case by case basis.

1. All programs and pathways must provide documentation of the rigor and reliability of the certification process used to verify that each new multifamily building meets the requirements of the certification. This documentation should include, at minimum, training requirements for individuals providing certification, programmatic quality assurance rates and processes that ensure that individuals providing certification adhere to program requirements, and any continuing education requirements for individuals providing certification.
2. All programs and pathways must provide documentation that the certification process provides the required level of energy savings as stated in the *Maximum Demonstrated Energy Use Allowed in Residential Spaces for Qualified Programs* table above, using the appropriate process:
  - a. All programs and pathways that utilize a prescriptive methodology (meaning a list of energy efficiency specifications that must be followed) for compliance with program requirements must submit a third-party energy simulation model of the

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prescriptive methodology performed using one of the following tools: Simplified Energy Enthalpy Model (SEEM), EnergyPlus, Passive House Institute (PHI), Passive House Institute U.S. (PHIUS), or Building Energy Optimization (BEOpt) . This model must prove that the certification reliably provides 10 or 25 percent energy savings, or greater, above the 2015 Washington Energy Code.

- b. All programs and pathways that utilize a performance based approach (meaning it uses a building specific energy model of the buildings energy use) for compliance with program requirements must submit a third-party evaluation that proves that the certification will reliability provide 10 or 25 percent energy savings above the 2015 Washington Energy Code.
- c. All programs and pathways that use a combination of prescriptive and performance, or another process will be evaluated on a case-by-case basis. Similar documentation will be required.
- d. All programs that do not operate in Washington, and therefore do not have a comparison to Washington code, will be evaluated on a case-by-case basis. Similar documentation will be required.