



STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

Washington State Energy Code Development Standard Energy Code Proposal Form

Jan 2022

Log No. 24-GP1-206
TAG Modification 2/14/25

Code being amended: Commercial Provisions Residential Provisions

Code Section # **C101.3.1**

Brief Description:

Clarifies the basis to be used for assigning all credit values. This addition requires consistency with state and federal statutes.

Proposed code change text: (Copy the existing text from the Integrated Draft, linked above, and then use underline for new text and ~~strikeout~~ for text to be deleted.)

Choose one for option C101.3.1:

C101.3.1 Basis. The basis for all provisions and calculations within this code shall be in terms of one for one equivalent source energy consumption. Off-site energy efficiency, storage, and generation used to serve the building, as can be reasonably determined, shall be considered. Carbon emissions and greenhouse gases shall not be considered.

or

C101.3.1 Basis. The basis for all provisions and calculations within this code shall be in terms of one for one equivalent site energy consumption. Energy efficiency, storage, and generation not physically located at the site shall not be considered. Carbon emissions and greenhouse gases shall not be considered.

PNNL to recalculate all credit values according to the above guidance.

Also remove reference to carbon emissions and greenhouse gasses.

C101.3 Intent. ~~The IECC—Commercial Provisions p~~Provide market-driven, enforceable requirements for the design and construction of commercial buildings, providing minimum efficiency requirements for buildings that result in the maximum level of energy efficiency that is safe, technologically feasible, and life cycle cost effective, considering economic feasibility, including potential costs and savings for consumers and building owners, and return on investment. ~~Additionally, the code provides jurisdictions with supplemental requirements and optional requirements that lead to achievement of zero-energy buildings, presently, and through glidepaths that achieve zero-energy buildings by 2030 and on additional timelines sought by governments, and achievement of additional policy goals as identified by the Energy and Carbon Advisory Council.~~ Requirements contained in the code will include, but not be limited to, prescriptive- and performance-based pathways. The code may include nonmandatory appendices incorporating additional energy efficiency ~~and greenhouse gas reduction~~ resources developed by the International **State Building** Code Council and others. The code will aim to simplify code requirements to facilitate the code's use and compliance rate. The code is updated on a 3-year cycle with each subsequent edition providing increased energy savings over the prior edition. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this intent. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

Economic Impact Data Sheet

Is there an economic impact: Yes No

Briefly summarize your proposal's primary economic impacts and benefits to building owners, tenants, and businesses. If you answered "No" above, explain your reasoning.

This proposal does not add, remove, or change provisions within the code. Rather this proposal directs PNNL to recalculate all credit values in accordance to a consistent and clearly defined basis.

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](#))

\$0/square foot (For residential projects, also provide **\$0/ dwelling unit**)

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

Not applicable as this proposal does not have a cost impact.

Provide your best estimate of the **annual energy savings** (or additional energy use) for your code change proposal?

0 KWH/ square foot (or) **0 KBTU/ square foot**

(For residential projects, also provide **0 KWH/KBTU / dwelling unit**)

Show calculations here, and list sources for energy savings estimates, or attach backup data pages.

Not applicable as this proposal does not have an energy usage impact.

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

This proposal does not make any changes to the plan review or inspection process.

Small Business Impact. Describe economic impacts to small businesses:

This proposal has no impact on small businesses.

Housing Affordability. Describe economic impacts on housing affordability:

This proposal has no impact on housing affordability.

Other. Describe other qualitative cost and benefits to owners, to occupants, to the public, to the environment, and to other stakeholders that have not yet been discussed:

This consistently and fairly establishes a basis for all calculations.

Instructions: Send this form as an email attachment, along with any other documentation available, to: sbcc@des.wa.gov. For further information, call the State Building Code Council at 360-407-9255.

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