

GEW16-14

602.1.1, 602.1.2

Proponent: Jack Bailey, One Lux Studio, representing self (jbailey@oneluxstudio.com)

Revise as follows:

602.1.1 zEPI. Performance-based designs shall demonstrate a zEPI of not more than 51 as determined in accordance with Equation 6-1 for energy use reduction and shall demonstrate a CO₂e emissions reduction in accordance with Section 602.2 and Equation 6-2 for CO₂e.

$$zEPI = 57 \times (EUI_p/EUI) \quad \text{(Equation 6-1)}$$

where:

EUI_p = the proposed annual energy use index in source kBtu/sf-y for the proposed design of the building and its site calculated in accordance with Section 602.1.2.

EUI = the base annual energy use index in source kBtu/sf-y for a baseline building and its site calculated in accordance with Section 602.1.2.

602.1.2 ~~Base-annual~~ Annual energy use index. The base and proposed annual energy use index (~~EUI_p~~) of the building and building site shall be calculated in accordance with Equation 6-1 and Appendix G to ASHRAE 90.1, as modified by Sections 602.1.2.1 through 602.1.2.3. The annual energy use shall include all energy used for building functions and its anticipated occupancy.

Reason: Editorial. Section 602.1.2 is used to determine both the base and the proposed annual energy use index. The word "annual" is added to EUI_p for clarity.

Cost Impact: Will not increase the cost of construction.

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