GEW22-14 602.2

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Revise as follows:

602.2 Annual direct and indirect CO₂e emissions. The CO_2e emissions calculations for the building and building site shall be determined in accordance with Sections 602.2.1 and 602.2.2. The emissions associated with the proposed design shall be less than or equal to the CO_2e emissions associated with the standard reference design in accordance with Equation 6-2.

 $CO_2e pd \le \ge (zEP1 \times CO_2e srbd) \times 51/57$ (Equation 6-2)

where:

zEPI = the minimum score in accordance with Section 602.1.1.

 CO_2e pd = emissions associated with the proposed design.

 CO_2 e srbd = emissions associated with the standard reference budget design in accordance with Section 602.1.2.

Reason: Corrects two errors in equation:

The proposed design CO_2e emissions for compliance need to be less than or equal to the standard reference budget design emissions, not greater than or equal to.

The direct linkage to the proposed design zEPI results in a variable rather than fixed emission compliance requirement for the building. If the proposed design has a zEPI of 51, the equation will be consistent with the zEPI energy performance for minimum compliance. However, at all other compliant proposed design zEPI values the CO₂e emissions compliance requirement will be too stringent. Using the ratio of 51/57 correctly sets a fixed baseline compliance requirement based on the standard reference energy consumption adjusted for the code minimum energy performance level requirement.

Cost Impact: Will not increase the cost of construction.

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