Proponent: Neil Leslie, Gas Technology Institute, representing self (neil.leslie@gastechnology.org)

Revise as follows:

602.2 Annual direct and indirect CO\textsubscript{2}e emissions. The CO\textsubscript{2}e 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\textsubscript{2}e emissions associated with the standard reference design in accordance with Equation 6-2.

\[ \text{CO}_2e \text{ pd} \leq \text{zEPI x CO}_2e \text{ srbd) x 51/57} \]  \hspace{1cm} \text{(Equation 6-2)}

where:

zEPI = the minimum score in accordance with Section 602.1.1.

CO\textsubscript{2}e pd = emissions associated with the proposed design.

CO\textsubscript{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\textsubscript{2}e 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 CO\textsubscript{2}e 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.