

**INTERPRETATION IC 90.1-2013-8 OF
ANSI/ASHRAE/IES STANDARD 90.1-2013
Energy Standard for Buildings Except Low-Rise Residential Buildings**

Date Approved: March 11, 2016

Request from: Marty Salzberg, 535Links Drive East, Oceanside, NY 11572.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2013, Section 9.4.2 and Table 9.4.2-2, relating to exterior building lighting power and building facades.

Background: This request for interpretation refers to the requirements presented in ANSI/ASHRAE/IESNA Standard 90.1-2013, Section 9.4.2, Exterior Building Lighting Power, that states “The total exterior lighting power allowance for all exterior building applications is the sum of the base site allowance plus the individual allowances for areas that are designed to be illuminated and are permitted in Table 9.4.2-2 for the applicable lighting zone.” This request seeks to clarify how the allowance is calculated and where the resulting allowance may be used. In the ASHRAE/IESNA Standard 90.1-2013, Table 9.4.2-2, the allowance for facade lighting is “0.20 watts/sf or 5 watts per linear foot for each illuminated wall or surface length,” based on the 90.1 defined term facade area. While this request references ASHRAE/IESNA Standard 90.1-2013, previously, a request for interpretation on this same topic was submitted and approved for 90.1-2007 and 90.1-2010 (INTERPRETATION IC 90.1-2007-20 OF ANSI/ASHRAE/IESNA STANDARD 90.1-2007/2010). Further, the language of the Building Façade allowance in 90.1-2016 has been modified to incorporate the previous interpretation, so this request for interpretation is intended to bridge the gap between the previous interpretation that covers 90.1-2007/2010 and the new language in 90.1-2016.

Interpretation No.1: The allowance for each facade may be calculated by applying the 0.2 watts per square foot value to the facade area, regardless of the distribution of illumination on that facade area.

Question No.1: Is this interpretation correct?

Answer No.1: YES

Interpretation No.2: The unused portion of the allowance for each facade may not be traded to another facade.

Question No.2: Is this interpretation correct?

Answer No.2: YES