

Update the ANSI/RESNET/ICC 301 Referenced Standard in the 2018 IECC as follows:

RESNET

ANSI/RESNET/ICC 301-~~2014~~2019: Standard for the Calculation and Labeling of the Energy Performance of ~~Low-rise Residential Buildings~~ Dwelling and Sleeping Units using an Energy Rating Index.

Reason Statement:

This is the second edition of the Standard and is the first update in its five-year revision cycle. The designation is updated to indicate year 2019 and the title and scope are modified to reflect its expansion to cover dwelling and sleeping units. The entire standard has been revised for improved consistency with the International Code Council model building codes. This Standard provides a consistent, uniform methodology for evaluating and labeling the energy performance of Dwelling Units and Sleeping Units, including all detached and attached housing types.

The update to this standard includes the following improvements:

- More robust calculations to estimate the energy consumption of domestic hot water systems,
- A house size adjustment factor treats all home sizes fairly,
- Recognizes technology advancements in solid state lighting,
- Improved and expanded consideration of multifamily dwelling units,
- Better recognition of dwellings with air distribution systems located within conditioned space