

**ERRATA SHEET FOR ASHRAE Guideline 14-2014  
Measurement of Energy, Demand, and Water Savings**

**July 24, 2019**

The corrections listed in this errata sheet apply to all copies of ASHRAE Guideline 14-2014.

**Page   Erratum**

- 13   4.2.11 Savings Uncertainty Calculations.** In the equation for the correlation coefficient  $\rho$  (second equation in the right-hand column of page 13) switch the numerator and denominator inside of the brackets so the equation reads as follows.

$$\rho = \sqrt{1 - \left[ \frac{\sum_{i=1}^n (y_i - \widehat{y}_i)^2}{\sum_{i=1}^n (y_i - \bar{y})^2} \right]}$$

- 15   4.2.11.4 Computing Savings Uncertainty.** In Equation 4-7 delete the second equals sign “=” immediately following  $t/F$  and change “RSME” to “RMSE”.
- 15   4.2.11.4 Computing Savings Uncertainty.** In Equation 4-8 add “ $\times 100$ ” at the end so the U-value is expressed as a percentage.
- 15   4.2.5.11 Managing Uncertainty.** In the second sentence change the reference to “Equations 5-6 or 5-7” to “Equations 4-6 or 4-7” so it reads as follows.

Equations 4-6 or 4-7 can then be used to evaluate feasible combinations of model CV (RMSE), instrument error, sample size, postretrofit period length, and expected savings fraction.