

**Errata for
Technical Paper CH-15-036
from *ASHRAE Transactions*, Volume 121, Part 1 (Chicago)**

**“Proposal for Standard Compact Server Model
for Transient Data Center Simulations,”
by Zachary M. Pardey, Dustin W. Demetriou, Hamza Salih Erden,
James W. VanGilder, H. Ezzat Khalifa, and Roger R. Schmidt**

The paper presented at the conference and published in *ASHRAE Transactions*, Volume 121, Part 1, shows Equation 5 as follows:

$$T_{a,ex} = T_{a,in} + \Delta T_{ss} + \left(\frac{\Delta t}{\tau + \Delta t} \right) (\varepsilon(T_s^{old} - T_{a,in}) - \Delta T_{ss})$$

Equation 5 should instead read as follows:

$$T_{a,ex} = T_{a,in} + \Delta T_{ss} + \left(\frac{\tau}{\tau + \Delta t} \right) (\varepsilon(T_s^{old} - T_{a,in}) - \Delta T_{ss})$$