ERRATA SHEET FOR
ANSI/ASHRAE STANDARD 90.4-2019
Energy Standard for Data Centers

March 23, 2021

The corrections listed in this errata sheet apply to all copies of ANSI/ASHRAE Standard 90.4-2019. The first printing is identified on the outside back cover as “Product code: 86302 11/19”.

Page 44  Table C-2 Calculation of Incoming Electrical Service Segment of (ELC) Based on Circuit Losses at 100% Design Load—Low-Voltage Feeder Input Power Requirement (Derived from End Power Requirement to UPS Input). Revise the equations in the columns shown below. Changes highlighted in yellow.
(Note: Additions are shown in underline and deletions are shown in strikethrough.)

<table>
<thead>
<tr>
<th>Loss, V</th>
<th>End, V</th>
<th>Voltage Loss, %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.05</td>
<td>479</td>
<td>0.22%</td>
</tr>
</tbody>
</table>

\[
h = b \times g
\]

\[
j = i
\]

\[
\frac{a_{ij}}{100} = h / a_i \times 100%
\]

Page 45  Table C-4 Calculation of Incoming Electrical Service Segment of (ELC) Based on Circuit Losses at 100% Design Load—Medium-Voltage Feeder Input Power Requirement at Utility Service Point (Derived from Table C-3 Input Power Requirement). Revise the equations in the columns shown below. Changes highlighted in yellow.
(Note: Additions are shown in underline and deletions are shown in strikethrough.)

<table>
<thead>
<tr>
<th>Resist Ohms</th>
<th>End Power, kVA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0026</td>
<td>478.82</td>
</tr>
</tbody>
</table>

\[
g = \frac{d \times f}{1000}
\]

\[
k = \text{Table C-3 c}
\]