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Errata to
IEEE Standard Definitions for the Measurement of Electric Power Quantities Under Sinusoidal, Nonsinusoidal, Balanced, or Unbalanced Conditions

STANDARDS

Developed by the

Power System Instrumentation and Measurements Committee
of the
IEEE Power and Energy Society

Correction Sheet
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NOTE—The editing instructions contained in this **erratum** define how to merge the material contained therein into the existing base standard and its amendments to form the comprehensive standard.

The editing instructions are shown in ***bold italic***. Four editing instructions are used: change, delete, insert, and replace. ***Change*** is used to make corrections in existing text or tables. The editing instruction specifies the location of the change and describes what is being changed by using ~~strikethrough~~ (to remove old material) and <u>underscore</u> (to add new material). ***Delete*** removes existing material. ***Insert*** adds new material without disturbing the existing material. Insertions may require renumbering. If so, renumbering instructions are given in the editing instruction. ***Replace*** is used to make changes in figures or equations by removing the existing figure or equation and replacing it with a new one. Editing instructions, change markings, and this NOTE will not be carried over into future editions because the changes will be incorporated into the base standard.

Annex B

(informative)

Fourier and Fortescue components

Replace Equation (B.2) and Equation (B.3) with the following equations:

$$V = \sqrt{\frac{1}{kT}\int_{t_0}^{t_0+kT}\left(v(t)\right)^2 dt} = \sqrt{v_0{}^2 + \frac{1}{2}\sum_{h=1}^{H}\hat{v}_h{}^2} \tag{B.2}$$

$$I = \sqrt{\frac{1}{kT}\int_{t_0}^{t_0+kT}\left(i(t)\right)^2 dt} = \sqrt{i_0{}^2 + \frac{1}{2}\sum_{h=1}^{H}\hat{i}_h{}^2}, \tag{B.3}$$