



National Electrical Safety Code®

Interpretation

Section 25. Loading for Grades B and C

Rule 250D

Extreme Ice with Concurrent Wind Loading

(2017 Edition, pages 205–216)

(10 May 2019) IR587

Question

Section 25, Rule 250D of the 2017 Edition of the NESC states that for structures above 60 ft tall, the structure and its supported facilities shall be designed to withstand loads “as specified by Figure 250-3.” The note on Figure 250-3(b) (applicable for Ameren’s service territory) states that Figure 250-3(b) came from ASCE 7-10, Minimum Design Loads for Buildings and Other Structures. Section 10.4.3 of ASCE 7-10 specifies a height factor of f_z for structures taller than 33 ft above ground level. Did the committee intend for electric companies to calculate a similar Height Factor when designing structures, or did they intentionally omit that as a requirement?

Interpretation

Thank you for submitting this interpretation request. The Interpretations Subcommittee has reviewed your questions and other information submitted and developed the following response:

NESC Rule 250D does not require the use of ASCE 7-10. Figure 250-3 provides the extreme ice values and concurrent wind speeds to be applied within Rule 250D. The Note referencing ASCE 7-10 under Figure 250-3(b) on Page 213 is simply for copyright purposes.