

**INTERPRETATION IC 90.1-2010-13 OF
ANSI/ASHRAE/IES STANDARD 90.1-2010
Energy Standard for Buildings Except Low-Rise Residential Buildings**

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Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2010, Section 6.5.1 Economizers, Exception k.1, relating to wireless telecommunications facilities.

Background: Our client is a telecommunications facility that renders telecommunications services to the public that is regulated by various branches of the government (FCC, DoHS, etc) through Executive Orders and Regulations to ensure continuity of services to the public, especially during emergency response situations per the *essential facility* definition in Section 3.2 of 90.1-2010. The facility meets the definition of a data center and the cooling load for the data center exceeds 75% of the facility load.

Interpretation: Telecommunications facilities that render services to the public fit under the "*essential facility*" definition in 90.1 per 2 sections - designated emergency preparedness, communication, and operation centers and other facilities required for emergency response AND buildings and other structures having critical national defense functions. As a result, these telecommunications equipment spaces are exempt from the prescriptive requirements for economizers.

Question: Is this interpretation correct?

Answer: Yes.

Comments: The telecommunication facility meets the definition of an *essential facility*. In order for the telecommunication facility to meet the requirements of Section 6.5.1, Exception k.1, one must demonstrate that a minimum of 75% of the design load serves computer room spaces classified as an *essential facility*.