

**INTERPRETATION IC 90.1-2007-14 OF
ANSI/ASHRAE/IESNA STANDARD 90.1-2007
Energy Standard for Buildings Except Low-Rise Residential Buildings**

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Request from: Kalyan Nishtala (KNishtala@novusengineering.com), Novus Engineering, 25 Delaware Ave., Delmar, NY 12054.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE/IESNA Standard 90.1-2007, Section G3.1.3.10, regarding Chilled-Water Pumps (System 7 & 8).

Background: Section G 3.1.3.10 states that baseline building design pump power shall be 22 W/gpm and for systems with cooling capacity of 300 tons or more shall be modeled as primary/secondary systems with variable speed drives on secondary pumps.

Interpretation: Based on Section G3.1.3.10, for systems with cooling capacity of 300 tons or more, the primary and secondary CHW loop pumps should be modeled with 22 W/gpm power each, meaning 22 W/gpm for the primary pump and 22 W/gpm for the secondary pump.

Question: Is this interpretation correct?

Answer: No.

Comments: The baseline pump power cited in Section G3.1.3.10 was developed as 22 W/gpm, and is the total wattage allowed for all cooling system pumps.