

**INTERPRETATION IC 90.1-2010-12 OF
ANSI/ASHRAE/IES STANDARD 90.1-2010
Energy Standard for Buildings Except Low-Rise Residential Buildings**

Date Approved: October 22, 2011

Request from: Richard Pavlak (rpavlak@heapy.com), Heapy Engineering, 1400 W. Dorothy Lane, Dayton, OH 45409.

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.2, relating to data centers.

Background: Our client has a data center which has been certified as meeting the Uptime Institutes Tier IV rating requirements. In addition, we have reviewed the ANSI/TIA 942 Standard and have verified the data center meets the Tier III level of that document for all the mechanical systems serving the data center spaces.

Interpretation: As a result of meeting the higher standards of the Uptime Institute, even though we don't meet the Tier IV requirements of ANSI/TIA 942, the data center meets the intent of the economizer exemption in Standard 90.1 and therefore an economizer is not required to be installed on the data center HVAC system.

Question: Is this interpretation correct?

Answer: No.

Comments: Meeting the Uptime Institutes Tier IV rating requirements is not one of the recognize exceptions.