



**Informal Interpretation Report
Number 8456**



Date October 05, 2020

Edition 2017

Section C405.6.1

Question:

This section of the code references ASHRAE standard 90.1 under the heading Electrical power. Although the Florida Energy Code does not explicitly say to provide automatic receptacle control, the reference to ASHRAE 90.1 does require it. Many professionals in the field do interpret that it is therefore a requirement in the Florida Energy Code. I was just looking for clarification on this topic for my own edification in case the question comes up in the future. Is automatic receptacle control a requirement in the Florida Energy Code?

Answer

The short answer is, Yes, it is required. Please see the attached commentary for more information

Commentary:

The Florida Building Code, Chapter 35, contains the list of referenced documents and standards referred to throughout the code. Rather than place each and every referenced piece of information, around 500 of them, in the Code and be required to maintain and update that information, in addition to concerns regarding copyright laws, section 102.4, copied below from Chapter 1 of the 6th edition FBC makes it clear the specific sections referred to are considered to be a part of the FBC and complied with as if written in the book, This is why it is important for practitioners of the FBC to not only have the FBC, but, the referenced standards as well, or at least the portions of the standards that are referred to in the code.

[A]102.4 Referenced codes and standards.

The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.4.1 and 102.4.2.

From the Energy Conservation volume - Please note this section is identified as requiring mandatory compliance

C405.6Electrical power (Mandatory).

C405.6.1Applicability.

This section applies to all building power distribution systems. The provisions for electrical distribution for all sections of this code are subject to the design conditions in ASHRAE Standard 90.1.

Excerpted section from ASHRAE 90.1-2010 and 2013

8.4.2 Automatic Receptacle Control

The following shall be automatically controlled:

- a) At least 50% of all 125 volt, 15 and 20 ampere receptacles in all private offices, conference rooms, rooms used primarily for printing and/or copying functions, break rooms, classrooms, and individual workstations
 - b) At least 25% of branch circuit feeders installed for modular furniture not shown on the construction documents
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Notice:

The Building Officials Association of Florida, in cooperation with the Florida Building Commission, the Florida Department of Business & Professional Regulation, ICC, and industry and professional experts offer this interpretation of the Florida Building Code in the interest of consistency in their application statewide. This interpretation is informal, non-binding and subject to acceptance and approval by the local building official.