

SWITCHED OUTLETS

BCA DIRECTIVE -- 14

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A PURPOSE:
BCA Directive establishes an expectation for the University of South Florida office receptacles as relating to the implementation of the required Florida Energy Code.

B REQUIREMENTS:
Florida Building Code – Energy Sixth Edition as quoted does not require our offices to have the receptacles switched. The ASHRAE requirement has an exception and to the knowledge of the building official the turning off of computers and other office equipment is not allowed as mandatory updates are uploaded to our computers during these times by IT. Most offices have the capability to remote access their computers to work from home. USF policy does not allow space heaters to be used in individual offices.

Conclusion: we invoke the exception for switched outlets in our offices to NOT be switched.

C REFERENCES:

1. **Florida Building Code – Energy conservation.**
C405.2.4 Specific application controls. Specific application controls shall be provided for the following:
 1. Display and accent light shall be controlled by a dedicated control that is independent of the controls for OTHER LIGHTING within the room or space.
 2. Lighting in cases used for display case purposes shall be controlled by a dedicated control that is independent of the controls for other lighting within the room or space.
 3. Hotel and motel sleeping units and guest suites shall have a master control device that is capable OF AUTOMATICALLY switching off all installed luminaires and switched receptacles within 20 minutes after all occupants leave the room.
 Exception: Lighting and switched receptacles controlled by captive key systems.
2. **AHSRAE 90.1-2010**
8.4.2. Automatic Receptacle Control.
At least 50% of all 125 volt 15 and 20-Ampere receptacles, including those installed in modular partitions, installed in the following space types:
 - a. Private offices
 - b. Open offices
 - c. Computer Classrooms
 shall be controlled by an automatic control device that shall function on:
 - a. a scheduled basis using a time-of-day operated control device that turns receptacles off at specific programmed times—an independent program schedule shall be provided for areas of no more than 25,000 ft² but not more than one floor, or
 - b. an occupant sensor that shall turn receptacles off within 30 minutes of all occupants leaving a space, or
 - c. a signal from another control or alarm system that indicates the area is unoccupied.
 Exceptions: Receptacles for the following shall not require an automatic control device:
 - a. Receptacles specifically designated for equipment requiring 24 hour operation.
 - b. Spaces where an automatic shutoff would endanger the safety or security of the room or building occupant(s).