

# 10 Things You Need To Know

## PLUG LOAD CONTROL



**MORE STRINGENT ENERGY CODES ARE COMING**—including plug load control—for commercial buildings. The NEC, ASHRAE, CA Title 24, NEMA and other governing bodies all have (or will have) standards in place across the country. This document is intended to clarify the various requirements and their implications for electrical installers and building owners.

**1.** At least 50% of all 125V, 15 & 20A receptacles must be automatically controlled per **ASHRAE Energy Efficiency Standard 90.1: Section 8.4.2**. This standard currently applies to private offices, open offices, modular partitions and computer classrooms.

**2.** Per **CA Title 24 Part 6 Section 130.5 (d) Circuit Controls**, all 120V controllable receptacles must have a permanent marking to differentiate them from uncontrolled receptacles and be uniformly distributed throughout the space.

**3.** According to **Section 406.3 (E) of the 2014 National Electrical Code®**, all non-locking type, 15 & 20A receptacle outlets that are automatically controlled shall be marked with the universally recognized power symbol. This marking must be located in plain view after installation.

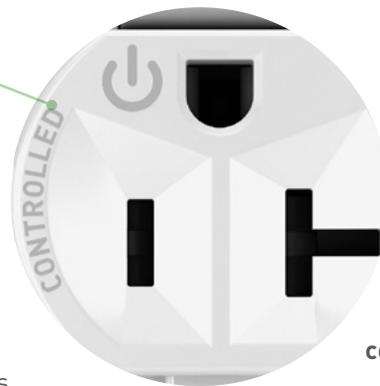
**4.** P&S Plug Load Controllable Receptacles provide **the most efficient means for meeting all relevant code requirements** for marked receptacles. Labels and stickers do not.

**5.** The pad-printed universally recognized power symbol is intended to inform employees, guest users and contractors **which receptacles have constant power availability and which may have power at predetermined times**.

**6.** It is recommended that all installed plug load controllable receptacles be **compatible with standalone and systems-based solutions**, such as WattStopper's Digital Lighting Management (DLM) System.

**7.** Half and dual controllable receptacles are two code-compliant ways of **meeting the 50% controlled requirement**.

**8.** Be sure that any half or dual plug load controllable receptacle installed **meets UL 498 requirements and carries a Fed Spec WC-596 certification**.



**9.** Plug-in strips and other plug-in devices incorporating occupant sensors **cannot be used in place of code-approved plug load controllable receptacles**.

**10.** By choosing plug load controllable receptacles with permanent identification markings in place, you eliminate the time and frustration of properly affixing adhesive labels at install.

To learn more about the issue of plug load control and the new line of P&S code-approved Plug Load controllable receptacles, go to **legrand.us/plugload**.