

## ASHRAE 90.1-2013 ADOPTED BY VA

**1. ISSUE:** The United States Department of Energy (DOE) published a *Final Rule* on November 6<sup>th</sup>, 2015, increasing energy efficiency requirements for new Federal commercial buildings.

**2. BACKGROUND:** Section 305 of the *Energy Conservation and Production Act* requires DOE to establish building energy efficiency standards for all new Federal buildings. As required by law, DOE periodically reviews new versions of ASHRAE 90.1 to determine whether or not the federal government should adopt the new version.

The *Final Rule* published November 6<sup>th</sup>, 2015 updates the energy efficiency standard for new Federal commercial buildings from ASHRAE 90.1-2010 to ASHRAE 90.1-2013. This *Final Rule* articulates that the federal government has officially adopted ASHRAE 90.1-2013. Compliance with this standard is required for all Departments and Agencies of the federal government.

**3. NEW STANDARD:** All new, VA-owned buildings, except low-rise residential buildings, entering design on or after November 6<sup>th</sup>, 2016, must be designed to meet the requirements of ASHRAE 90.1-2013.<sup>i</sup> If lifecycle cost-effective, reduce energy use by 30 percent compared to the baseline building performance rating per AHSRAE 90.1-2013, excluding receptacle and process loads<sup>ii</sup>.

If a lifecycle cost-effective design cannot be achieved that meets the 30% reduction requirement, select the most efficient design that meets lifecycle cost-effectiveness requirements and all minimum requirements of ASHRAE 90.1-2013.<sup>iii</sup>

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<sup>i</sup> [Final Rule, Federal Register, 80 FR 215, 10 CFR Part 433, November 6<sup>th</sup>, 2015](#)

<sup>ii</sup> [10 CFR part 433.100](#)

<sup>iii</sup> [10 CFR part 433.100](#)

ALERT