

# Legislation Requirements

## Energy Independent and Security Act of 2007 (EISA)

EISA was signed into law on December 7, 2007 to move the United States toward greater energy independence and security. The bill followed another major piece of energy legislation, the Energy Policy Act of 2005.

- Increase the production of clean, renewable fuels
- Increase the efficiency of products, buildings, and vehicles
- Promote research on and deploy greenhouse gas capture and storage options
- Improve the energy performance of the Federal Government.

## Executive Order 13423 <sup>1</sup>

Signed by President Bush on January 24, 2007

Reduce building energy intensity 3% per year annually through 2015

Achieve 30% total reduction from 2003 baseline by 2015

All new construction, major renovation, or repair and alteration are to comply with the GSA Guiding Principles

15% of existing facilities are to meet the Guiding Principles by 2015

## Executive Order 135142 <sup>2</sup>

Signed by President Obama on October 5, 2009 covers key points 2 and 3 from Executive Order 13423 and adds the following:

- Ensures all new federal buildings, entering the design phase in 2020 or later, are designed to achieve zero net energy by 2030
- Ensures at least 15% of existing agency buildings and leases (above 5,000 gross square feet) meet the Guiding Principles by fiscal year 2015 and that the agency makes annual progress towards 100% compliance across its building inventory

## ASHRAE Standard 189.1

Section 7 of ASHRAE Standard 189.1 specifically addresses energy efficiency and is the area that Lutron can most adeptly contribute to achieving the standard.

- 7.4.5.1 Peak Load Reduction
- 7.4.6.2 and 7.4.6.3 Occupancy Sensor Controls
- 7.4.6.4 Automatic Controls for Egress and Security Lighting

<sup>1</sup> Text of Executive order 13423; Strengthening Federal Environmental, Energy, and Transportation Management. [http://www.fedcenter.gov/\\_kd/go.cfm?destination=Page&pge\\_id=3286&dialog=0](http://www.fedcenter.gov/_kd/go.cfm?destination=Page&pge_id=3286&dialog=0)

<sup>2</sup> Text of Executive Order 13514; Federal Leadership in Environmental, Energy, and Economic Performance. [http://www.whitehouse.gov/assets/documents/2009fedleader\\_eo\\_rel.pdf](http://www.whitehouse.gov/assets/documents/2009fedleader_eo_rel.pdf)