

H.R. 7636, Bulb Replacement Improving Government with High-Efficiency Technology (BRIGHT) Act

Section by Section

Section 1: Short Title

This Act may be cited as the “Bulb Replacement Improving Government with High-Efficiency Technology (BRIGHT) Act.”

Section 2: Guidance

The bill directs the Administrator of General Services to issue guidance to federal agencies for the procurement and use of the most life-cycle cost effective and energy efficient lighting systems to increase the efficiency, effectiveness, and economy of the Federal government. The bill also asks the Administrator to publish on the internet or otherwise provide this guidance to State, local, and Tribal entities.

Section 3: Use of Life-Cycle Cost Effective and Energy Efficient Lighting Systems

The bill redesignates subsections (d) through (g) of United States Code Title 40, Section 3313 as subsections (f) through (i) and amends the section designation heading and all that follows through the end of subsection (c). It amends the section designation heading “energy efficient lighting fixtures and bulbs” to “procurement of life-cycle cost effective lighting systems.” It then provides definitions of the Administrator and lighting systems referred to throughout the bill. The Administrator refers to the Administrator of General Services while a lighting system is defined as “the elements required to maintain a desired light level, including lamps, light fixtures, fixture distribution, sensors and control technologies, interior design elements, and daylighting sources.”

The bill then directs the Administrator to procure the most life-cycle cost effective and energy efficient lighting systems to the extent practicable after the date of enactment. To ensure this procured lighting is implemented, the bill directs the Administrator to use the most life-cycle cost effective and energy efficient lighting systems in each public building constructed, altered, acquired, or leased to the extent practicable. Additionally, the Administrator is directed to replace individual components of a lighting system in the normal course of maintenance with the most life-cycle cost effective and energy efficient lighting systems to the extent practicable.

The bill amends subsection (d) to include considerations of procurement to the existing language and specifically added considerations of appropriate contracting options. It additionally asks the Administrator to now consider cost effective retrofits when evaluating the compatibility with existing equipment.

The redesignated subsection (e) asks that the Administrator use the procedures and methods established under section 544(a) of the National Energy Conservation Policy Act (42 U.S.C. 8254(a)) in determining whether a lighting system is life-cycle cost effective.

The redesignated subsection (f) strikes “lighting fixture” and bulb language and replaces it with “lighting system” or the “lighting system or the individual components of the lighting system.”

The redesignated subsections (g) and (h) adds procurement to existing considerations with use.