

AMENDMENT NO. _____ Calendar No. _____

Purpose: In the nature of a substitute.

IN THE SENATE OF THE UNITED STATES—116th Cong., 1st Sess.

S. 1874

To amend title 40, United States Code, to require the Administrator of General Services to procure the most life-cycle cost effective and energy efficient lighting products and to issue guidance on the efficiency, effectiveness, and economy of those products, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended
to be proposed by Mr. PETERS (for himself and Mr.
JOHNSON)

Viz:

1 Strike all after the enacting clause and insert the fol-
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Bulb Replacement Im-
5 proving Government with High-Efficiency Technology
6 Act” or the “BRIGHT Act”.

7 **SEC. 2. GUIDANCE.**

8 Not later than 1 year after the date of enactment
9 of this Act, the Administrator of General Services shall—

1 (1) issue guidance to Federal agencies for the
2 procurement and use of the most life-cycle cost ef-
3 fective and energy efficient lighting systems (as de-
4 termined in accordance with section 3313 of title 40,
5 United States Code) to increase the efficiency, effec-
6 tiveness, and economy of the Federal Government;
7 and

8 (2) publish on the internet or otherwise make
9 available to State, local, and Tribal entities informa-
10 tion on ways to improve efficiency, effectiveness, and
11 economy by procuring and using the most life-cycle
12 cost effective and energy efficient lighting systems
13 (as determined in accordance with section 3313 of
14 title 40, United States Code).

15 **SEC. 3. PROCUREMENT OF LIFE-CYCLE COST EFFECTIVE**
16 **AND ENERGY EFFICIENT LIGHTING SYSTEMS.**

17 (a) IN GENERAL.—Section 3313 of title 40, United
18 States Code, is amended—

19 (1) by striking subsection (h);

20 (2) by redesignating subsections (d) through (g)
21 as subsections (f) through (i), respectively;

22 (3) by striking the section designation and
23 heading and all that follows through the end of sub-
24 section (c) and inserting the following:

1 **“§ 3313. Procurement of life-cycle cost effective and**
2 **energy efficient lighting systems**

3 “(a) DEFINITIONS.—In this section:

4 “(1) ADMINISTRATOR.—The term ‘Adminis-
5 trator’ means the Administrator of General Services.

6 “(2) LIGHTING SYSTEM.—The term ‘lighting
7 system’ means the elements required to maintain a
8 desired light level, including lamps, light fixtures,
9 fixture distribution, sensors and control technologies,
10 interior design elements, and daylighting sources.

11 “(b) PROCUREMENT.—

12 “(1) IN GENERAL.—To the maximum extent
13 practicable, the Administrator shall—

14 “(A) procure the most life-cycle cost effec-
15 tive and energy efficient lighting systems; and

16 “(B) ensure that procurements after the
17 date of enactment of the BRIGHT Act of light-
18 ing systems or the individual components of
19 lighting systems maximize life-cycle cost effec-
20 tiveness and energy efficiency.

21 “(2) USE.—Each public building constructed,
22 altered, acquired, or leased by the Administrator
23 shall be equipped, to the maximum extent prac-
24 ticable as determined by the Administrator, with the
25 most life-cycle cost effective and energy efficient
26 lighting systems for each application.

1 “(c) MAINTENANCE OF PUBLIC BUILDINGS.—Each
2 individual component of a lighting system, including a
3 lamp or fixture, that is replaced by the Administrator in
4 the normal course of maintenance of public buildings shall
5 be replaced, to the maximum extent practicable, with the
6 most life-cycle cost effective and energy efficient lighting
7 system possible for the application.

8 “(d) CONSIDERATIONS.—

9 “(1) CONTRACTING OPTIONS.—In carrying out
10 this section, the Administrator shall consider appro-
11 priate contracting options for the procurement of the
12 most life-cycle cost effective and energy efficient
13 lighting systems.

14 “(2) PROCUREMENT AND USE.—In making a
15 determination under this section concerning the
16 practicability of procuring and installing the most
17 life-cycle cost effective and energy efficient lighting
18 system, the Administrator shall consider—

19 “(A) the compatibility of the lighting sys-
20 tem with existing equipment, including consid-
21 eration of a cost effective retrofit;

22 “(B) whether procurement and use of the
23 lighting system could result in interference with
24 productivity;

1 “(C) the aesthetics relating to the use of
2 the lighting system; and

3 “(D) such other factors as the Adminis-
4 trator determines to be appropriate.

5 “(e) LIFE-CYCLE COST EFFECTIVE.—The Adminis-
6 trator shall use the procedures and methods established
7 under section 544(a) of the National Energy Conservation
8 Policy Act (42 U.S.C. 8254(a)) in determining whether
9 a lighting system is life-cycle cost effective.”;

10 (4) in subsection (f) (as so redesignated)—

11 (A) in the matter preceding paragraph (1),
12 by striking “lighting fixture or bulb” and in-
13 serting “lighting system”;

14 (B) in paragraph (1), by striking “the fix-
15 ture or bulb is” and inserting “the lighting sys-
16 tem or the individual components of the lighting
17 system are”; and

18 (C) in paragraph (3), by striking “fixture
19 or bulb” and inserting “lighting system”;

20 (5) in subsection (g) (as so redesignated), by
21 inserting “procurement and” before “use in public
22 buildings”; and

23 (6) in subsection (h) (as so redesignated), by
24 inserting “procurement and” before “use of energy
25 efficient”.

1 (b) CLERICAL AMENDMENT.—The analysis for chap-
2 ter 33 of title 40, United States Code, is amended by
3 striking the item relating to section 3313 and inserting
4 the following:

“3313. Procurement of life-cycle cost effective and energy efficient lighting systems.”.