

AMENDED IN ASSEMBLY APRIL 2, 2009

CALIFORNIA LEGISLATURE—2009—10 REGULAR SESSION

ASSEMBLY BILL

No. 228

Introduced by Assembly Member Huffman

February 4, 2009

An act to amend ~~Section~~ Sections 25402.5 and 25402.5.4 of the Public Resources Code, relating to energy.

LEGISLATIVE COUNSEL'S DIGEST

AB 228, as amended, Huffman. Energy: outdoor lighting efficiency.

Existing law requires the State Energy Resources Conservation and Development Commission to adopt regulations on minimum energy efficiency standards for lighting that would reduce the average statewide electrical energy consumption by not less than 25% from the 2007 levels for outdoor lighting by 2018. *Existing law requires the commission to consult with the Department of Transportation to ensure that outdoor lighting standards that affect the department are compatible with the department's policies and standards for safety and illumination levels on state highways.*

This bill would require the commission, by an unspecified time, to adopt minimum energy efficiency standards *that would achieve the above reduction* for outdoor lighting *as soon as practicable*. *The bill would also eliminate the requirement that the commission consult with the department.*

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Section 25402.5 of the Public Resources Code is
2 amended to read:

3 25402.5. (a) As used in this section, “lighting device” includes,
4 but is not limited to, a lamp, luminaire, light fixture, lighting
5 control, ballast, or any component of those devices.

6 (b) (1) The commission shall consider both new and
7 replacement, and both interior and exterior, lighting devices as
8 lighting which is subject to subdivision (a) of Section 25402.

9 (2) The commission shall include both indoor and outdoor
10 lighting devices as appliances to be considered in prescribing
11 standards pursuant to paragraph (1) of subdivision (c) of Section
12 25402.

13 (3) The Legislature hereby finds and declares that paragraphs
14 (1) and (2) are declarative of existing law.

15 (c) The commission shall adopt efficiency standards for outdoor
16 lighting. The standards shall be technologically feasible and
17 cost-effective. As used in this subdivision, “outdoor lighting” refers
18 to all electrical lighting that is not subject to standards adopted
19 pursuant to Section 25402, and includes, but is not limited to, street
20 lights, traffic lights, parking lot lighting, and billboard lighting.
21 ~~The commission shall consult with the Department of~~
22 ~~Transportation (CALTRANS) to ensure that outdoor lighting~~
23 ~~standards that affect CALTRANS are compatible with that~~
24 ~~department’s policies and standards for safety and illumination~~
25 ~~levels on state highways.~~

26 SECTION 1.

27 SEC. 2. Section 25402.5.4 of the Public Resources Code is
28 amended to read:

29 25402.5.4. (a) On or before December 31, 2008, the
30 commission shall adopt minimum energy efficiency standards for
31 all general purpose lights on a schedule specified in the regulations.
32 The regulations, in combination with other programs and activities
33 affecting lighting use in the state, shall be structured to reduce
34 average statewide electrical energy consumption by not less than
35 50 percent from the 2007 levels for indoor residential lighting and
36 by not less than 25 percent from the 2007 levels for indoor
37 commercial and outdoor lighting, by 2018.

1 (b) The commission shall make recommendations to the
2 Governor and the Legislature regarding how to continue reductions
3 in electrical consumption for lighting beyond 2018.

4 (c) The commission may establish programs to encourage the
5 sale in this state of general purpose lights that meet or exceed the
6 standards set forth in subdivision (a).

7 (d) (1) Except as provided in paragraph (2), the Department of
8 General Services, and all other state agencies, as defined in Section
9 12200 of the Public Contract Code, in coordination with the
10 commission, shall cease purchasing general purpose lights that do
11 not meet the standards adopted pursuant to subdivision (a), within
12 two years of those standards being adopted.

13 (2) The Department of General Services, and all other state
14 agencies, as defined in Section 12200 of the Public Contract Code,
15 in coordination with the commission shall cease purchasing general
16 purpose lights with an appearance that is historically appropriate
17 for the facilities in which the lights are being used, and that do not
18 meet the standards adopted pursuant to subdivision (a) within four
19 years of those standards being adopted.

20 (e) It is the intent of the Legislature to encourage the Regents
21 of the University of California, in coordination with the
22 commission, to cease purchasing general purpose lights that do
23 not meet the standards adopted pursuant to subdivision (a), within
24 two years of those standards being adopted.

25 (f) (1) (A) For purposes of this section, “general purpose lights”
26 means lamps, bulbs, tubes, or other electric devices that provide
27 functional illumination for indoor residential, indoor commercial,
28 and outdoor use.

29 (B) General purpose lights do not include any of the following
30 types of specialty lighting: appliance, black light, bug, colored,
31 infrared, left-hand thread, marine, marine signal service, mine
32 service, plant light, reflector, rough service, shatter resistant, sign
33 service, silver bowl, showcase, three-way, traffic signal, and
34 vibration service or vibration resistant.

35 (2) The commission may, after one or more public workshops,
36 with public notice and an opportunity for all interested parties to
37 comment, provide for inclusion of a particular type of specialty
38 light in its energy efficiency standards applicable to general
39 purpose lighting, if it finds that there has been a significant increase
40 in sales of that particular type of particular specialty light due to

1 the use of that specialty light in general purpose lighting
2 applications.

3 (3) General purpose lights do not include lights needed to
4 provide special-needs lighting for individuals with exceptional
5 needs.

6 (g) (1) ~~No~~ *Notwithstanding subdivision (a), no later than*
7 *January 1, 20__*, the commission shall ~~adopt the minimum energy~~
8 ~~efficiency standards specified in subdivision (a) applicable to~~
9 ~~outdoor lighting. When adopting~~ *adopt minimum energy efficiency*
10 *standards applicable to outdoor lighting to achieve a 25 percent*
11 *reduction in consumption as specified in subdivision (a) as soon*
12 *as practicable. When adopting* efficiency standards for outdoor
13 lighting, the commission shall have the authority to ~~require~~ *include*
14 efficiency standards for outdoor lighting systems.

15 (2) The Legislature finds and declares that new and emerging
16 lighting efficiency technologies, including technologies applicable
17 to lighting systems, provide enormous opportunities to accelerate
18 the conservation efforts mandated by this section. It is the intent
19 of the Legislature to achieve the energy efficiencies required by
20 this section significantly earlier than 2018.