

---

---

## A BILL FOR AN ACT

RELATING TO ENERGY EFFICIENCY.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1           SECTION 1. The legislature finds that the replacement of  
2 incandescent light bulbs with compact fluorescent light bulbs in  
3 public schools will reduce greenhouse gases, mercury emissions,  
4 and long-term energy expenses. On average, compact fluorescent  
5 light bulbs use less than one-fourth of the power of an  
6 equivalent incandescent light bulb and have a lifespan six to  
7 fifteen times longer.

8           Although the initial purchase cost of compact fluorescent  
9 light bulbs is slightly more expensive than incandescent light  
10 bulbs, they save household consumers an average of sixty dollars  
11 per year. If every household in the nation replaced just one  
12 incandescent bulb with a compact fluorescent bulb it would be  
13 enough energy to light over three million homes for one year,  
14 reduce greenhouse gases by an equivalent of eight hundred  
15 automobiles, and save over \$600,000,000 in energy costs each  
16 year. The replacement of incandescent bulbs with compact  
17 fluorescent bulbs would enable Hawaii's public school system to



# H.B. NO. 2044

1 benefit the environment and make a positive impact on energy  
2 efficiency.

3 SECTION 2. There is appropriated out of the general  
4 revenues of the State of Hawaii the sum of \$ or so  
5 much thereof as may be necessary for fiscal year 2008-2009 to  
6 replace incandescent lighting with compact fluorescent lighting  
7 on the campus of every public school.

8 The sum appropriated shall be expended by the department of  
9 education for the purposes of this Act.

10 SECTION 3. This Act shall take effect on July 1, 2008.

11

INTRODUCED BY:

*Alton M. Sorensen*  
*Barbara Mammone*  
*Karen Awana*  
*Guthrie Heiden*  
*Mel Carroll*  
*Paul Hiroh*  
*Maui B. Lee*  
*Tom Brown*  
*John M. ...*  
*Gene Wood*  
*Della ... Selatti*  
 JAN 1 2008



**Report Title:**

Keiki Caucus; Student Conference; Light Bulb Replacement;  
Appropriation

**Description:**

Appropriates funds to replace all incandescent lighting with  
compact fluorescent lighting in public schools.

