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## SENATE RESOLUTION

ENCOURAGING THE USE OF COMPACT FLUORESCENT LIGHT BULBS.

1           WHEREAS, incandescent light bulbs are the oldest, most  
2 common, and the most expensive light source to operate; and

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4           WHEREAS, lighting accounts for twenty to twenty-five per  
5 cent of all electricity consumed in the United States; and

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7           WHEREAS, an average American household dedicates five to  
8 ten per cent of its energy budget and an average American  
9 commercial establishment dedicates twenty to thirty per cent of  
10 its energy budget to lighting costs; and

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12           WHEREAS, according to the Department of Business, Economic  
13 Development, and Tourism, lighting accounts for up to forty-five  
14 per cent of the total electricity used in commercial buildings  
15 in Hawaii; and

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17           WHEREAS, according to the United States Department of  
18 Energy, compact fluorescent light bulbs are one of the best  
19 energy efficiency investments available due to their longevity  
20 and energy savings; and

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22           WHEREAS, ENERGY STAR qualified compact fluorescent light  
23 bulbs use two-thirds less energy than incandescent light bulbs;  
24 and

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26           WHEREAS, ENERGY STAR qualified compact fluorescent light  
27 bulbs last at least ten times longer than incandescent light  
28 bulbs; and

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30           WHEREAS, ENERGY STAR qualified compact fluorescent light  
31 bulbs generate seventy per cent less heat than standard  
32 incandescent light bulbs; and

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34           WHEREAS, ENERGY STAR qualified compact fluorescent light  
35 bulbs turn on instantly and produce no sound; and  
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1 WHEREAS, ENERGY STAR qualified compact fluorescent light  
2 bulbs save a minimum of \$30 in energy costs over the life of  
3 each bulb; and

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5 WHEREAS, each ENERGY STAR qualified compact fluorescent  
6 light bulb can prevent a minimum of 450 pounds of emissions from  
7 a power plant over its lifetime; and

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9 WHEREAS, if every home in America replaced one single  
10 incandescent bulb with an ENERGY STAR qualified compact  
11 fluorescent light bulb there would be enough savings to light  
12 more than 2.5 million homes for one year and prevent the  
13 emission of greenhouse gasses equivalent to almost 800,000 cars;  
14 now, therefore,

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16 BE IT RESOLVED by the Senate of the Twenty-fourth  
17 Legislature of the State of Hawaii, Regular Session of 2007,  
18 that all state government facilities are requested to replace  
19 any incandescent light bulbs in use with ENERGY STAR qualified  
20 compact fluorescent light bulbs by January 1, 2010; and

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22 BE IT FURTHER RESOLVED that all county and local government  
23 facilities are requested to replace any incandescent light bulbs  
24 in use with ENERGY STAR qualified compact fluorescent light  
25 bulbs by January 1, 2010; and

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27 BE IT FURTHER RESOLVED that the Director of Business,  
28 Economic Development, and Tourism, serving as the statewide  
29 Energy Resources Coordinator, be charged with encouraging  
30 private consumers to use ENERGY STAR qualified compact  
31 fluorescent light bulbs in lieu of incandescent light bulbs by  
32 establishing incentive programs, such as rebate and discount  
33 programs, and by educating the public with regard to the  
34 benefits of ENERGY STAR qualified compact fluorescent light  
35 bulbs; and

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37 BE IT FURTHER RESOLVED that certified copies of this  
38 Resolution be transmitted to the Governor of the State of  
39 Hawaii, the Director of Business, Economic Development, and  
40 Tourism and the Mayors of each of the counties of the State of  
41 Hawaii.

