

MAR 08 2007

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,

15
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 Hawaii
39 and the Mayors of each of the counties of the State of Hawaii.

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42 OFFERED BY:

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