THE SENATE TWENTY-FOURTH LEGISLATURE, 2007 STATE OF HAWAII

S.R. NO. 28

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MAR 0 8 2007

## SENATE RESOLUTION

ENCOURAGING THE USE OF COMPACT FLUORESCENT LIGHT BULBS.

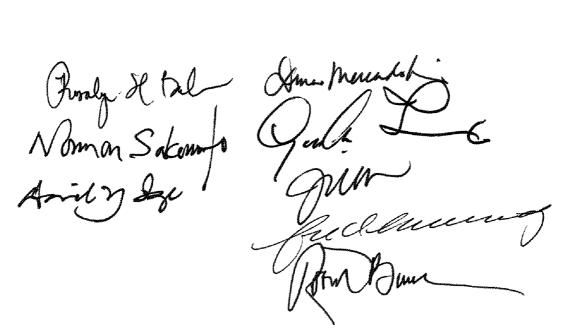
1 2	WHEREAS, incandescent light bulbs are the oldest, most common, and the most expensive light source to operate; and
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4 5	WHEREAS, lighting accounts for twenty to twenty-five per cent of all electricity consumed in the United States; and
6	
7	WHEREAS, an average American household dedicates five to
8 9	ten per cent of its energy budget and an average American commercial establishment dedicates twenty to thirty per cent of
10	its energy budget to lighting costs; and
11	
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
16 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
21	
22	WHEREAS, ENERGY STAR qualified compact fluorescent light
23	bulbs use two-thirds less energy than incandescent light bulbs;
24 25	and
26 26	WHEREAS, ENERGY STAR qualified compact fluorescent light
27	bulbs last at least ten times longer than incandescent light
28	bulbs; and
29	
30	WHEREAS, ENERGY STAR qualified compact fluorescent light
31	bulbs generate seventy per cent less heat than standard
32 33	incandescent light bulbs; and
33 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
8	
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 20	any incandescent light bulbs in use with ENERGY STAR qualified compact fluorescent light bulbs by January 1, 2010; and
20 21	compact finorescent fight builds by bandary 1, 2010, and
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
26	
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
36	
37	BE IT FURTHER RESOLVED that certified copies of this
38	Resolution be transmitted to the Governor of the State of Hawaii
39 40	and the Mayors of each of the counties of the State of Hawaii.
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