
HOUSE CONCURRENT RESOLUTION

REQUESTING THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND
TOURISM AND THE STATE DEPARTMENT OF DEFENSE TO CONDUCT A
STUDY OF THE FEASIBILITY OF USING RENEWABLE ENERGY
RESOURCES IN THE STATE'S EMERGENCY RESPONSE PLAN.

1 WHEREAS, one of the important lessons learned from the
2 hurricane disaster along the Gulf Coast is that reliable
3 electric power is critical for effective emergency response; and
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5 WHEREAS, diesel-generators, the power source typically used
6 during times of emergency, are costly and noisy, produce
7 excessive fumes, rely on the availability of diesel fuel, and
8 are difficult to transport when roads are closed, blocked, or
9 washed away; and

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11 WHEREAS, photovoltaic energy grids are proven sources of
12 essential emergency power, having been used in response to many
13 of the hurricanes and natural disasters on the Gulf Coast and
14 nationwide; and

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16 WHEREAS, diversifying the State's emergency response plan
17 to include renewable energy resources will ensure the provision
18 of essential emergency power, on a long-term basis, if
19 necessary, in a sustainable and responsible manner; and

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21 WHEREAS, this may include but is not limited to upgrading
22 the State's emergency shelters to include the provision of
23 backup photovoltaic cells, solar panels, and biodiesel
24 generators; now, therefore,

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26 BE IT RESOLVED by the House of Representatives of the
27 Twenty-third Legislature of the State of Hawaii, Regular Session
28 of 2006, the Senate concurring, that the Department of Business,
29 Economic Development, and Tourism and the state Department of
30 Defense are requested to conduct a study of the feasibility of



1 including the use of renewable energy resources in the State's
2 emergency response plan. The study shall include:


- 3 (1) An emergency power needs assessment;
- 4 (2) An evaluation of renewable resource options
5 appropriate for emergency response situations;
- 6 (3) An evaluation of the cost and cost-effectiveness of
7 each renewable resource option; and
- 8 (4) Recommendations regarding the renewable energy
9 resource options that should be used, along with a
10 plan for deployment of the recommended options; and

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12 BE IT FURTHER RESOLVED that the Department of Business,
13 Economic Development, and Tourism and the state Department of
14 Defense are requested to consult with Hawaiian Electric Company,
15 Incorporated, and, if necessary, other utilities in conducting
16 the study; and

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18 BE IT FURTHER RESOLVED that the Department of Business,
19 Economic Development, and Tourism and the state Department of
20 Defense are requested to report their findings and
21 recommendations, including any necessary proposed legislation,
22 to the Legislature no later than twenty days prior to the
23 convening of the Regular Session of 2007; and

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25 BE IT FURTHER RESOLVED that certified copies of this
26 Concurrent Resolution be transmitted to the Director of
27 Business, Economic Development, and Tourism; the Adjutant
28 General of the state Department of Defense; and the President
29 and Chief Executive Officer of Hawaiian Electric Company,
30 Incorporated.

31 OFFERED BY:

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