

MAR 14 2012

SENATE CONCURRENT RESOLUTION

REQUESTING THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND
TOURISM TO CONVENE A SUSTAINABLE AND ALTERNATIVE ENERGY
ASSESSMENT TASK FORCE.

1 WHEREAS, Hawaii has significant alternative energy
2 potential through wind, solar, ocean, and geothermal resources
3 that are sustainable and productive; and
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5 WHEREAS, the State depends on imported resources to meet
6 its commercial, industrial, residential, and transportation
7 needs, with over fifty million barrels of oil imported at a cost
8 of more than \$4,000,000,000 per year, all of which is paid to
9 out-of-state interests; and
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11 WHEREAS, replacing the State's dependence on out-of-state
12 fuel with a modern and sustainable energy system will create a
13 cleaner and more environmentally friendly Hawaii, keep valuable
14 resources in the State, support local economic growth and local
15 employment in well-paying jobs, mitigate climate change, and
16 promote a sustainable energy export industry; and
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18 WHEREAS, choosing the most beneficial course for a
19 sustainable energy future requires knowing the actual costs and
20 benefits of the various energy systems; and
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22 WHEREAS, such a cost and benefit assessment should be
23 objective, and not dominated or biased by the financial or
24 political interests of the promoters of any one energy system;
25 now, therefore,
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27 BE IT RESOLVED by the Senate of the Twenty-sixth
28 Legislature of the State of Hawaii, Regular Session of 2012, the
29 House of Representatives concurring, that the Department of
30 Business, Economic Development, and Tourism is requested to
31 convene an alternative energy assessment task force to develop a
32 verifiable methodology to perform an objective evaluation of ..



1 sustainable and alternative energy and to compare and rank the
2 leading alternative energy technologies; and

3
4 BE IT FURTHER RESOLVED that the assessment methodology:

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6 (1) Takes into account the:
- 7
 - 8 (A) Initial installation costs, including the costs
9 of land acquisition and materials;
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 - 11 (B) Operating costs over the expected lifetime of the
12 system;
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 - 14 (C) Replacement costs of worn components, with an
15 assessment of the impact of climate, weather, and
16 geology on infrastructure;
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 - 18 (D) Decommissioning costs, including the cost of
19 restoring land to its original state;
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 - 21 (E) Monies that may accrue from a synergistic
22 combination of technologies;
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 - 24 (F) Monies that may accrue from applying and updating
25 smart grid technology;
 - 26
 - 27 (G) Environmental and social impacts;
 - 28
 - 29 (H) Value of energy independence;
 - 30
 - 31 (I) Impact on employment and commerce;
 - 32
 - 33 (J) Funds required to initially finance a system; and
 - 34
 - 35 (K) Estimates of price increases for fuel, materials,
36 and other such resources;
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 - 38 (2) Determines and utilizes for assessment purposes an
39 alternative energy system's output in a quantifiable
40 cost per unit energy over the lifetime of the
41 installation; provided that the cost is expressed in
42 economic, ecologic, or sociocultural terms, or in any
43 other term deemed helpful for analysis; and
 - 44



1 (3) Applies to small- and large-scale systems, subsystems,
2 and technologies; and
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4 BE IT FURTHER RESOLVED that practical demonstrations of an
5 alternative energy system's efficacy for a single island be
6 given preference over theoretical claims for systems that will
7 provide inter-island energy; and
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9 BE IT FURTHER RESOLVED that the task force be composed of
10 nine individuals consisting of:
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12 (1) Three representatives selected by the Governor;
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14 (2) Three members of the Senate selected by the Senate
15 President; and
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17 (3) Three members of the House of Representatives selected
18 by the Speaker of the House of Representatives;
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20 provided that at least one individual be selected from each of
21 the counties of Hawaii, Kauai, and Maui; and
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23 BE IT FURTHER RESOLVED that selected members be able to
24 offer insight on issues from an environmental, economic, social,
25 and technical (pertaining to the physical sciences, engineering,
26 or information technology) perspective with regard to
27 alternative energy; and
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29 BE IT FURTHER RESOLVED that the members of the task force
30 may solicit advice from government agencies and organizations
31 from the energy industry, including but not limited to the
32 Public Utilities Commission; Department of Business, Economic
33 Development, and Tourism; University of Hawaii; and Hawaiian
34 Electric Industries, Inc.; and
35

36 BE IT FURTHER RESOLVED that the task force members may not
37 be employed by or provide consulting services to an agency or
38 organization if that employment or service may give rise to a
39 conflict of interest; and
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41 BE IT FURTHER RESOLVED that members of the task force not
42 receive compensation for their service but that the Department
43 of Business, Economic Development, and Tourism is requested to



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1 reimburse the members for necessary expenses, including travel
2 expenses, incurred in the performance of their duties; and
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4 BE IT FURTHER RESOLVED that the working group members not
5 be considered employees for the purposes of chapter 84, Hawaii
6 Revised Statutes, based solely upon their participation in the
7 working group; and
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9 BE IT FURTHER RESOLVED that the task force is requested to
10 report its findings, including a clearly explained assessment
11 methodology for the evaluation, and recommendations to the
12 Governor and the Legislature no later than twenty days prior to
13 the convening of the Regular Session of 2013, and be dissolved
14 on June 30, 2013; and
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16 BE IT FURTHER RESOLVED that certified copies of this
17 Concurrent Resolution be transmitted to the Governor; Director
18 of Business, Economic Development, and Tourism; Senate
19 President; and Speaker of the House of Representatives.
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OFFERED BY:



