

MAR 14 2012

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## SENATE 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,  
26

27           BE IT RESOLVED by the Senate of the Twenty-sixth  
28 Legislature of the State of Hawaii, Regular Session of 2012,  
29 that the Department of Business, Economic Development, and  
30 Tourism is requested to convene an alternative energy assessment  
31 task force to develop a verifiable methodology to perform an  
32 objective evaluation of sustainable and alternative energy and  
33 to compare and rank the leading alternative energy technologies;  
34 and  
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36           BE IT FURTHER RESOLVED that the assessment methodology:



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- 2 (1) Takes into account the:
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- 4 (A) Initial installation costs, including the costs
- 5 of land acquisition and materials;
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- 7 (B) Operating costs over the expected lifetime of the
- 8 system;
- 9
- 10 (C) Replacement costs of worn components, with an
- 11 assessment of the impact of climate, weather, and
- 12 geology on infrastructure;
- 13
- 14 (D) Decommissioning costs, including the cost of
- 15 restoring land to its original state;
- 16
- 17 (E) Monies that may accrue from a synergistic
- 18 combination of technologies;
- 19
- 20 (F) Monies that may accrue from applying and updating
- 21 smart grid technology;
- 22
- 23 (G) Environmental and social impacts;
- 24
- 25 (H) Value of energy independence;
- 26
- 27 (I) Impact on employment and commerce;
- 28
- 29 (J) Funds required to initially finance a system; and
- 30
- 31 (K) Estimates of price increases for fuel, materials,
- 32 and other such resources;
- 33
- 34 (2) Determines and utilizes for assessment purposes an
- 35 alternative energy system's output in a quantifiable
- 36 cost per unit energy over the lifetime of the
- 37 installation; provided that the cost is expressed in
- 38 economic, ecologic, or sociocultural terms, or in any
- 39 other term deemed helpful for analysis; and
- 40
- 41 (3) Applies to small- and large-scale systems, subsystems,
- 42 and technologies; and
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1 BE IT FURTHER RESOLVED that practical demonstrations of an  
2 alternative energy system's efficacy for a single island be  
3 given preference over theoretical claims for systems that will  
4 provide inter-island energy; and

5  
6 BE IT FURTHER RESOLVED that the task force be composed of  
7 nine individuals consisting of:

- 8  
9 (1) Three representatives selected by the Governor;  
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11 (2) Three members of the Senate selected by the Senate  
12 President; and  
13  
14 (3) Three members of the House of Representatives selected  
15 by the Speaker of the House of Representatives;

16  
17 provided that at least one individual be selected from each of  
18 the counties of Hawaii, Kauai, and Maui; and

19  
20 BE IT FURTHER RESOLVED that selected members be able to  
21 offer insight on issues from an environmental, economic, social,  
22 and technical (pertaining to the physical sciences, engineering,  
23 or information technology) perspective with regard to  
24 alternative energy; and

25  
26 BE IT FURTHER RESOLVED that the members of the task force  
27 may solicit advice from government agencies and organizations  
28 from the energy industry, including but not limited to the  
29 Public Utilities Commission; Department of Business, Economic  
30 Development, and Tourism; University of Hawaii; and Hawaiian  
31 Electric Industries, Inc.; and

32  
33 BE IT FURTHER RESOLVED that the task force members may not  
34 be employed by or provide consulting services to an agency or  
35 organization if that employment or service may give rise to a  
36 conflict of interest; and

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38 BE IT FURTHER RESOLVED that members of the task force not  
39 receive compensation for their service but that the Department  
40 of Business, Economic Development, and Tourism is requested to  
41 reimburse the members for necessary expenses, including travel  
42 expenses, incurred in the performance of their duties; and

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



