
HOUSE RESOLUTION

URGING THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND
TOURISM TO SUPPORT THE ONGOING RESEARCH AND DEVELOPMENT OF
WAVE ENERGY DEVICES IN HAWAII AND THE CREATION OF A WAVE
ENERGY FACILITY.

1 WHEREAS, the ocean represents a vast natural energy
2 resource in the form of waves that generate energy; and
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4 WHEREAS, wave energy is recognized as one of the most
5 consistent sources of renewable power available; and
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7 WHEREAS, the World Energy Council estimates that energy
8 equivalent to twice the world's electricity production could be
9 harvested from the world's oceans. If less than one-tenth of
10 one per cent of the renewable energy within the oceans could be
11 converted into electricity, the present world demand for energy
12 would be satisfied more than five times over; and
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14 WHEREAS, there is growing awareness of the economic, energy
15 security, and environmental values of renewable resources; for
16 example, the wind, sun, and ocean can provide a local supply of
17 clean energy that never runs out; and
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19 WHEREAS, in addition to a clean environment, renewable
20 resources produce other public benefits, including reduced
21 dependency on foreign fuels and economic development, resulting
22 in new jobs and increased state and local tax revenues; and
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24 WHEREAS, wave energy is presently being used by countries
25 that have extensive coastlines, such as Great Britain,
26 Australia, and Spain; and
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28 WHEREAS, in 2003, the Renewable Energy Trust and other
29 supporters provided grants for the installation of an ocean wave
30 demonstration facility in Rhode Island that is projected to



1 produce up to five hundred kilowatts of electricity, enough to
2 power three hundred average households; and
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4 WHEREAS, wave energy technology is currently being
5 researched, developed, and tested in Hawaii; and
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7 WHEREAS, a wave energy facility in Hawaii would build our
8 State's reputation as a national leader of renewable resource
9 and ocean technology and coastal resource management; now,
10 therefore
11

12 BE IT RESOLVED by the House of Representatives of the
13 Twenty-fourth Legislature of the State of Hawaii, Regular
14 Session of 2007, that the Department of Business, Economic
15 Development, and Tourism is urged to support the ongoing
16 research and development of wave energy devices in Hawaii and
17 the creation of a wave energy facility; and
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19 BE IT FURTHER RESOLVED that certified copies of this
20 Resolution be transmitted to the Governor and the Director of
21 the Business, Economic Development, and Tourism.
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OFFERED BY: 

MAR 14 2007

