
HOUSE CONCURRENT RESOLUTION

REQUESTING THE NATURAL ENERGY LABORATORY OF HAWAII AUTHORITY TO
DEVELOP A STRATEGY TO FULLY TRANSITION ITS FACILITY TO
RENEWABLE ENERGY.

1 WHEREAS, the Natural Energy Laboratory of Hawaii Authority
2 has access to a unique confluence of vast renewable natural
3 resources including distinctively deep ocean water bathymetry
4 and the highest solar insolation in the coastal United States;
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7 WHEREAS, the Natural Energy Laboratory of Hawaii Authority
8 is also surrounded by class AA seawater, which is pumped to
9 nearly forty thriving enterprises and provides over two hundred
10 jobs; and
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12 WHEREAS, the Natural Energy Laboratory of Hawaii Authority
13 has the longest, deepest, and largest diameter ocean water
14 pipelines in the world, the most diversified system of
15 aquafarms, and acres of algae farms capable of producing
16 biofuels; and
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18 WHEREAS, the Natural Energy Laboratory of Hawaii Authority
19 has an ideal location near an international airport for easy
20 export and the University of Hawaii Center, West Hawaii campus
21 will be in close proximity; and
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23 WHEREAS, the Natural Energy Laboratory of Hawaii Authority
24 is classified as a foreign trade and enterprise zone, and is
25 world recognized in the areas of fish farming, algae pond
26 technology, and oceanic nutraceuticals and pharmaceuticals; and
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28 WHEREAS, constant deliveries of pure fresh seawater are
29 vital for the continuance of aquacultural businesses at the
30 Natural Energy Laboratory of Hawaii Authority, however, the high
31 cost of electricity to produce seawater, up to seventy-one per



1 cent of the total cost of production, is a constant concern for
2 the State and the Natural Energy Laboratory of Hawaii
3 Authority's staff and tenants; and
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5 WHEREAS, rising oil prices have prompted interest in
6 renewable energy development and the Natural Energy Laboratory
7 of Hawaii Authority is ideally situated to renew its original
8 research into ocean thermal energy conversion; and
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10 WHEREAS, the Natural Energy Laboratory of Hawaii Authority
11 urgently needs to implement energy production and distribution
12 methodologies, and to do this, it must be able to create new
13 techniques to produce, finance, distribute, and develop
14 renewable energy resources for the benefit of its tenants and
15 the State; now, therefore,
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17 BE IT RESOLVED by the House of Representatives of the
18 Twenty-fourth Legislature, Regular Session of 2008, the Senate
19 concurring, that the Legislature supports the goal of developing
20 renewable energy and encourages the Natural Energy Laboratory of
21 Hawaii Authority's growth as a business and research park
22 powered by maximum renewable energy; and
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24 BE IT FURTHER RESOLVED that the Legislature requests the
25 Natural Energy Laboratory of Hawaii Authority board of directors
26 to create a business plan to develop the Natural Energy
27 Laboratory of Hawaii Authority as a business, technology, and
28 research park powered by renewable energy; and
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30 BE IT FURTHER RESOLVED that the Natural Energy Laboratory
31 of Hawaii Authority is requested to establish a task force to
32 review its governing documents, and recommend amendments, if
33 necessary, that will assist the Natural Energy Laboratory of
34 Hawaii Authority to transition its business, technology, and
35 research park to renewable energy. The Natural Energy
36 Laboratory of Hawaii Authority is requested to include as
37 members of the task force:
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39 (1) The Executive Director of Natural Energy Laboratory of
40 Hawaii Authority;

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42 (2) The Director of Business, Economic Development, and
43 Tourism or the Director's designee;



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(3) The Director of the Office of Planning or the Director's designee; and

(4) The Chairperson of the Public Utilities Commission, or the Chairperson's designee; and

BE IT FURTHER RESOLVED that the Natural Energy Laboratory of Hawaii Authority is requested to create a development plan, including timelines, to fully transition its facility to renewable energy; and

BE IT FURTHER RESOLVED that the Natural Energy Laboratory of Hawaii Authority is requested to develop a strategy to create and implement a Green Energy Zone at the Natural Energy Laboratory of Hawaii Authority facility by 2012; and

BE IT FURTHER RESOLVED that the Natural Energy Laboratory of Hawaii Authority is requested to submit a report of its findings and recommendations, including any proposed legislation, to the Legislature no later than twenty days prior to the convening the Regular Session of 2009; and

BE IT FURTHER RESOLVED that certified copies of this Concurrent Resolution be transmitted to the Governor; the Chairman of the Board of Directors of Natural Energy Laboratory of Hawaii Authority; the Executive Director of Natural Energy Laboratory of Hawaii Authority; the Director of Business, Economic Development, and Tourism; the Chairperson of the Public Utilities Commission; and the Director of the Office of Planning.

OFFERED BY:

Aindy Evans

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