

MAR 0 6 2020

SENATE RESOLUTION

URGING THE UNITED STATES DEPARTMENT OF ENERGY AND UNITED STATES
NAVY TO RENEW FUNDING FOR THE KANEOHE WAVE ENERGY TEST
SITE.

1 WHEREAS, wave energy technology uses the surge of the ocean
2 to generate clean, free, and endlessly renewable electrical
3 power; and

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5 WHEREAS, wave energy has the potential to add a unique and
6 consistent resource to Hawaii's renewable energy portfolio,
7 helping to achieve the State's goal of one hundred percent
8 renewable energy by 2045; and

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10 WHEREAS, in 2012, the United States Department of Energy
11 and United States Navy selected Hawaii through a competitive
12 process to be one of two Wave Energy Test Sites (WETS) in the
13 United States; and

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15 WHEREAS, the wave energy test site in Kaneohe Bay, on the
16 island of Oahu, was designed to test the commercial viability of
17 wave energy devices and to determine whether the technology
18 could successfully supply energy to a power grid; and

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20 WHEREAS, in July 2015, a prototype wave generator called
21 Azura became the first wave technology device to successfully
22 supply grid power, producing twenty kilowatts of clean energy
23 for the State of Hawaii; and

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25 WHEREAS, although research is ongoing, federal funding for
26 the Wave Energy Test Site at Kaneohe Bay is scheduled to expire
27 in 2022; and

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29 WHEREAS, further funding is needed to perfect wave energy
30 technology, develop a permitting process, and support a public-
31 private partnership to grow the industry; now, therefore,



S.R. NO. 133

1 BE IT RESOLVED by the Senate of the Thirtieth Legislature
 2 of the State of Hawaii, Regular Session of 2020, that the
 3 Legislature recognizes the critical importance of wave energy
 4 technology to the State's renewable energy goals and urges the
 5 United States Department of Energy and United States Navy to
 6 renew their funding of the Kaneohe Wave Energy Test Site; and
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8 BE IT FURTHER RESOLVED that certified copies of this
 9 Resolution be transmitted to the Secretary of Energy, Secretary
 10 of the Navy, and President of the University of Hawaii.
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OFFERED BY: *Ed Lewis*

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