

MAR 08 2024

SENATE CONCURRENT RESOLUTION

REQUESTING THAT THE AGRIBUSINESS DEVELOPMENT CORPORATION CONDUCT
A STUDY ON THE FEASIBILITY OF DEVELOPING DESALINATION
PLANTS IN WEST AND SOUTH MAUI THAT ARE CO-LOCATED WITH
HYDROLOGICAL POWER PLANTS.

1 WHEREAS, a desalination plant is a facility that removes
2 salts and other minerals from seawater to make the water
3 drinkable and suitable for irrigation; and
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5 WHEREAS, according to the United States Environmental
6 Protection Agency, hydrological power is "energy that is
7 generated by dams, which use water to turn turbines and generate
8 electricity"; and
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10 WHEREAS, a desalination plant can be combined with a
11 hydrological power plant, specifically a hydroelectric power
12 plant, through a method called co-location, in which the
13 desalination plant intake and discharge facilities are connected
14 to the discharge outfall of an adjacent hydroelectric power
15 plant; and
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17 WHEREAS, co-locating a desalination plant with a
18 hydrological power plant allows the hydrological power plant's
19 cooling water to be used as a source of water for the
20 desalination plant; and
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22 WHEREAS, sharing a desalination plant and hydrological
23 power plant's discharge and intake facilities in dry areas, such
24 as West and South Maui, could help to lower the cost of
25 desalination and power generation while increasing the area's
26 supply of drinking and irrigation water; now, therefore,
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28 BE IT RESOLVED by the Senate of the Thirty-second
29 Legislature of the State of Hawaii, Regular Session of 2024, the
30 House of Representatives concurring, that the Agribusiness
31 Development Corporation is requested to conduct a study on the



1 feasibility of developing desalination plants in West and South
2 Maui that are co-located with hydrological power plants; and
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4 BE IT FURTHER RESOLVED that the Agribusiness Development
5 Corporation is also requested to submit a report of its findings
6 and recommendations, including any proposed legislation, to the
7 Legislature no later than twenty days prior to the convening of
8 the Regular Session of 2026; and
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10 BE IT FURTHER RESOLVED that a certified copy of this
11 Concurrent Resolution be transmitted to the Chairperson of the
12 Board of Directors of the Agribusiness Development Corporation.
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OFFERED BY: _____

A handwritten signature in black ink, appearing to be 'ASD', is written over a horizontal line that serves as a signature line.