

MAR 08 2024

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# SENATE 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,  
27

28           BE IT RESOLVED by the Senate of the Thirty-second  
29 Legislature of the State of Hawaii, Regular Session of 2024,  
30 that the Agribusiness Development Corporation is requested to  
31 conduct a study on the feasibility of developing desalination  
32 plants in West and South Maui that are co-located with  
33 hydrological power plants; and  
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# S.R. NO. 197

1 BE IT FURTHER RESOLVED that the Agribusiness Development  
2 Corporation is also requested to submit a report of its findings  
3 and recommendations, including any proposed legislation, to the  
4 Legislature no later than twenty days prior to the convening of  
5 the Regular Session of 2026; and

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7 BE IT FURTHER RESOLVED that a certified copy of this  
8 Resolution be transmitted to the Chairperson of the Board of  
9 Directors of the Agribusiness Development Corporation.

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OFFERED BY: \_\_\_\_\_

A handwritten signature in black ink, appearing to be 'J. D.', is written over a horizontal line.