

MAR 08 2024

SENATE RESOLUTION

ENCOURAGING DEVELOPERS TO INCORPORATE NET ZERO WATER BUILDING STRATEGIES WHEN CONSTRUCTING AND RENOVATING HOUSING PROJECTS IN THE STATE.

1 WHEREAS, the fresh water resources of the State are vital
2 and finite; and

3
4 WHEREAS, in recent years, some of Hawaii's waters have been
5 severely polluted by a variety of toxic contaminants; and

6
7 WHEREAS, proper stewardship of Hawaii's water resources is
8 essential to ensure the health of the State's fresh water
9 supply; and

10
11 WHEREAS, as recommended by the United States Department of
12 Energy, developers can help to ensure the health of the State's
13 fresh water resources by designing and constructing net zero
14 water housing projects; and

15
16 WHEREAS, a net zero water housing project is housing
17 designed to minimize total water consumption; maximize
18 alternative water sources; and minimize wastewater discharge
19 from the building and return water to an original water source,
20 such as an aquifer; and

21
22 WHEREAS, the goal of net zero water building strategies is
23 to preserve the quantity and quality of natural water resources
24 with minimal deterioration, depletion, and rerouting by
25 utilizing potential alternative water sources and water
26 efficiency measures to minimize the use of supplied freshwater;
27 and

28
29 WHEREAS, net zero water strategies include employing
30 innovative technologies that consume less water; producing
31 alternative water sources; treating wastewater on-site; reusing
32 treated wastewater on-site; injecting treated wastewater into
33 the original water supply; and implementing green infrastructure
34 that infiltrates stormwater to the original water supply; and
35



1 WHEREAS, the construction of net zero water housing in the
 2 State would reduce the impact on aquifers and water reclamation
 3 infrastructure in the State, as well as reduce pollution run-off
 4 and conserve more water resources; now, therefore,

5

6 BE IT RESOLVED by the Senate of the Thirty-second
 7 Legislature of the State of Hawaii, Regular Session of 2024,
 8 that developers are encouraged to incorporate net zero water
 9 building strategies when constructing and renovating housing
 10 projects in the State; and


11

12 BE IT FURTHER RESOLVED that certified copies of this
 13 Resolution be transmitted to the Governor, Executive Director of
 14 the Hawaii Housing Finance and Development Corporation, and
 15 Executive Director of the Hawaii Public Housing Authority.

16

17

18

OFFERED BY:  _____

