### A BILL FOR AN ACT

RELATING TO SUSTAINABILITY.

### BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

- SECTION 1. The legislature finds that as an island state,

  Hawaii has limited access to natural fresh water supplies. Amid

  increasing population and development, sustainable access to
- 4 fresh water is key to the State's future, and new and innovative
- 5 options for water reclamation must be explored.
- 6 The purpose of this Act is to require the Kaho'olawe island
- 7 reserve commission, in conjunction with the department of
- $oldsymbol{8}$  business, economic development and tourism, to promote
- $oldsymbol{9}$  photovoltaic powered desalinization on the island of Kaho'olawe
- 10 and to study the benefits of the technology's use.
- 11 SECTION 2. (a) The Kaho'olawe island reserve commission,
- 12 in conjunction with the department of business, economic
- 13 development and tourism, shall implement a photovoltaic powered
- 14 desalinization pilot project that shall:
- 15 (1) Promote the use of photovoltaic powered desalinization
- on the island of Kaho'olawe; and
- 17 (2) Study the following aspects of the technology's use:

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| 1  | (A) Efficiency and cost-saving opportunities;                   |
|----|---|
| 2  | (B) Conservation, sustainable-development, and water            |
| 3  | security benefits; and  |
| 4  | (C) Potential for technological development and                 |
| 5  | future statewide implementation.                                |
| 6  | (b) The pilot project shall commence on July 1, 2017, and       |
| 7  | shall terminate on June 30, 2020.                               |
| 8  | (c) The Kaho'olawe island reserve commission, in                |
| 9  | conjunction with the department of business, economic           |
| 10 | development and tourism, shall submit an annual report of its   |
| 11 | findings and recommendations, including any proposed            |
| 12 | legislation, to the legislature no later than twenty days prior |
| 13 | to the convening of each regular session beginning with the     |
| 14 | regular session of 2018 and ending with the regular session of  |
| 15 | 2020.   |
| 16 | SECTION 3. There is appropriated out of the general             |
| 17 | revenues of the State of Hawaii the sum of \$500,000 or so much |
| 18 | thereof as may be necessary for fiscal year 2016-2017 for the   |
| 19 | purposes of establishing and implementing a three-year          |
| 20 | photogoltaid powered degalinization milet project               |

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- 1 The sum appropriated shall be expended by the Kaho'olawe
- 2 island reserve commission for the purposes of this Act.
- 3 SECTION 4. This Act shall take effect on July 1, 2016.

INTRODUCED BY:

Richel Phay

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JAN 2 2 2016

# H.B. NO. 2035

### Report Title:

Desalinization; Photovoltaic Energy; Pilot Project; Kaho'olawe; Appropriation

### Description:

Establishes a three-year pilot project to promote photovoltaic powered desalinization on the island of Kaho'olawe and to study the benefits of the technology's use.

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