#### A BILL FOR AN ACT

RELATING TO GREEN INFRASTRUCTURE.

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

1 SECTION 1. The legislature finds that the Hawaii green

2 infrastructure loan program was established in 2013 to "serve as

3 a potential source of capital for a range of clean energy

4 technology users, including renters and residents that have not

5 been able to take advantage of current financing programs and

6 may now take advantage of increasing opportunities to install

7 clean energy technology", according to the strongly supportive

testimony of the public utilities commission.

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9 The legislature furthers finds that a variety of executive

branch departments and the Hawaiian Electric Companies testified

11 in support of the program, explaining the potential benefits of

a green infrastructure loan program and expressing a willingness

to collaborate with one another to implement the program.

14 The department of business, economic development, and

15 tourism testified that the program "will make low-cost credit

16 available, including to the underserved markets - low to

17 moderate income homeowners, renters, churches, non-profits -

- 1 those who may not be able to access or afford clean energy
- 2 installations today. One application of the program is that
- 3 consumers will be able to install solar photovoltaic equipment
- 4 and receive immediate benefits today, while amortizing the costs
- 5 over time and paying for those benefits on their utility bill."
- 6 The consumer advocate testified in support of this program,
- 7 noting that "on bill financing allows the consumer to pay for
- 8 these energy systems through the electricity cost savings on
- 9 their monthly bill . . . [T]he Consumer Advocate will work
- 10 closely with DBEDT, the Hawaiian Electric Companies, the Public
- 11 Utilities Commission, and all interested parties in designing an
- 12 on bill financing program that minimizes the financial risk to
- 13 electric utilities' ratepayers."
- 14 Hawaiian Electric Company testified that "the companies
- 15 indicated their willingness to assist with billing, collecting,
- 16 and transmitting customer payments related to on-bill financing"
- 17 and that "the companies have been working with DBEDT and the PUC
- 18 . . . [T] hat collaborative effort has resulted in language which
- 19 the companies strongly support."
- The legislature finds that despite the testimony, an on
- 21 bill financing program has not yet been developed. Further, the

- 1 small amount of funds deployed from the Hawaii green
- 2 infrastructure loan program is dwarfed by the cost of the
- 3 program's administration and debt service.
- 4 The legislature further finds that the failure of the
- 5 Hawaii green infrastructure loan program to achieve its intended
- 6 result has resulted in most ratepayers paying for the program
- 7 without reaping the benefits. Rather than obtaining immediate
- 8 relief from high electric power rates, ratepayers are instead
- 9 having to pay the debt service on a loan that is not being
- 10 effectively deployed. This is particularly true for low- to
- 11 middle-income homeowners, renters, churches, and nonprofit
- 12 organizations, the people and entities that the green
- 13 infrastructure loan program was primarily intended to benefit.
- 14 Moreover, all ratepayers are denied the benefits of wider
- 15 deployment of clean energy and energy efficiency, including
- 16 reduced reliance on fossil fuels, lower overall system costs,
- 17 and economic and environmental benefits.
- 18 Accordingly, the purpose of this Act is to:
- 19 (1) Reduce some of the oversight of the green
- infrastructure loan program to encourage more rapid

| 1  |              | deployment of loans in furtherance of the intent of    |
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| 2  |              | the program; and                                       |
| 3  | (2)          | Directly assist Hawaii's underserved residents by      |
| 4  |              | using dormant funds from the Hawaii green              |
| 5  |              | infrastructure loan program to create the clean energy |
| 6  |              | savings jump start program, with the intent of rapidly |
| 7  |              | deploying funds to assist disadvantaged communities    |
| 8  |              | with investments in clean energy and energy            |
| 9  |              | efficiency.  |
| 10 | SECT         | ION 2. Chapter 196, Hawaii Revised Statutes, is        |
| 11 | amended b    | y adding two new sections to part IV to be             |
| 12 | appropria    | tely designated and to read as follows:                |
| 13 | " <u>§19</u> | 6-A Clean energy savings jump start program; clean     |
| 14 | energy sa    | vings jump start fund. (a) There is established a      |
| 15 | clean ene    | rgy savings jump start program that shall be           |
| 16 | administe    | red by the Hawaii green infrastructure authority in a  |
| 17 | manner co    | nsistent with this part. The authority, in             |
| 18 | collabora    | tion with others, shall expend moneys on rebate and    |
| 19 | other pro    | grams that rapidly advance state goals of clean energy |
| 20 | and energ    | y efficiency, with a focus on serving low- and middle- |
| 21 | income re    | sidents.   |

| 1  | (b) | The authority shall:                                   |
|----|-----|--|
| 2  | (1) | Prepare any forms that may be necessary for the        |
| 3  |     | applicant to claim a rebate under this part;           |
| 4  | (2) | Require each applicant claiming a rebate under this    |
| 5  |     | part to furnish reasonable information to ascertain    |
| 6  |     | the validity of the claim, including but not limited   |
| 7  |     | to documentation necessary to demonstrate that the     |
| 8  |     | system or installation for which the rebate is claimed |
| 9  |     | is eligible;   |
| 10 | (3) | Allow each applicant to establish income eligibility,  |
| 11 |     | as necessary, through a declaration asserting that the |
| 12 |     | information provided is true and correct and made      |
| 13 |     | under penalty of law;                                  |
| 14 | (4) | Make best efforts to post on a publicly available      |
| 15 |     | website, within regular and reasonable periods of      |
| 16 |     | time, the current amounts remaining in the Hawaii      |
| 17 |     | clean energy savings jump start fund; and              |
| 18 | (5) | Establish guidelines necessary to effectuate the       |
| 19 |     | purposes of this section; provided that the            |
| 20 |     | establishment of guidelines shall not be subject to    |
| 21 |     | chapter 91; provided further that the authority's      |

| 1  |            | guidelines shall include procedures to allow an        |
|----|------------|--|
| 2  |            | applicant to secure the applicable level of rebate     |
| 3  |            | after the purchase or lease of an applicable system,   |
| 4  |            | but prior to the system's installation, so long as the |
| 5  |            | system is installed and placed into service within a   |
| 6  |            | reasonable time frame established by the authority.    |
| 7  | (c)        | The authority may contract with a third party for      |
| 8  | services   | to assist with administering the clean energy savings  |
| 9  | jump star  | t program. Procurement of services shall be subject to |
| 10 | the requi  | rements of chapter 103D.                               |
| 11 | (d)        | There is established a special fund to be known as the |
| 12 | clean ene  | rgy savings jump start fund, into which shall be       |
| 13 | deposited  | appropriations from the legislature.                   |
| 14 | <u>(e)</u> | Moneys in the clean energy savings jump start fund     |
| 15 | shall be   | used for the following purposes:                       |
| 16 | (1)        | Making jump start program payments pursuant to this    |
| 17 |            | part, which may include but not be limited to rebates, |
| 18 |            | energy education, energy demonstration projects for    |
| 19 |            | affordable multi-family rental projects, and credit    |
| 20 |            | enhancements, such as loan loss reserves and interest  |
| 21 |            | rate buy-downs;  |

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| 1  | (2)         | Paying the authority's administrative costs for         |
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| 2  |             | operating the clean energy savings jump start program;  |
| 3  |             | and   |
| 4  | (3)         | Paying the authority's administrative costs for         |
| 5  |             | operating the clean energy savings jump start fund.     |
| 6  | <u>§196</u> | -B Energy storage system rebate program. (a)            |
| 7  | Notwithst   | anding any other law to the contrary, the authority     |
| 8  | shall est   | ablish a rebate program within the clean energy savings |
| 9  | jump star   | t program that incentivizes the installation of energy  |
| 10 | storage s   | ystems that installed concurrently with solar           |
| 11 | photovolt   | aic systems and are connected to a utility grid;        |
| 12 | provided    | that the rebate program shall not be available for      |
| 13 | energy st   | orage systems or portions thereof for which the         |
| 14 | renewable   | energy technologies income tax credit under section     |
| 15 | 235-12.5    | is claimed.   |
| 16 | (b)         | An energy storage system owner who provides third-      |
| 17 | party fin   | ancing to an energy storage system user, or purchases   |
| 18 | and insta   | lls in this State an eligible energy storage system,    |
| 19 | may apply   | to the authority within twelve months of the eligible   |
| 20 | energy st   | orage system being first placed into service to claim a |

| 1  | rebate fr | om the energy storage system fund. Rebates shall be     |
|----|-----------|---|
| 2  | distribut | ed as follows:  |
| 3  | (1)       | Each eligible residential energy storage system shall   |
| 4  |           | receive the lesser of 40 cents per watt-hour of the     |
| 5  |           | system's warranted capacity of stored energy or the     |
| 6  |           | cap amount determined in subsection (c);                |
| 7  | (2)       | Each eligible commercial energy storage system shall    |
| 8  |           | receive the lesser of 20 cents per watt-hour of the     |
| 9  |           | system's warranted capacity of stored energy or the     |
| 10 |           | <pre>cap amount determined in subsection (c);</pre>     |
| 11 | (3)       | Each eligible utility-scale energy storage system       |
| 12 |           | shall receive the lesser of 10 cents per watt-hour of   |
| 13 |           | the system's warranted capacity of stored energy or     |
| 14 |           | the cap amount determined in subsection (c); and        |
| 15 | (4)       | No more than \$ of the energy storage system            |
| 16 |           | fund may be expended on utility-scale energy storage    |
| 17 |           | systems, and no more than \$ of the energy              |
| 18 |           | storage system fund may be expended on commercial       |
| 19 |           | energy storage systems.                                 |
| 20 | If t      | he rebate is claimed by an energy storage system owner  |
| 21 | who provi | des third party-financing to an energy system user, the |

| 1  | authority  | shal       | l require that the savings from the rebate shall    |
|----|------------|------------|---|
| 2  | be visibly | y and      | actually passed on to the energy system user by     |
| 3  | the energy | y sto      | rage system owner who claims the rebate.            |
| 4  | (c)        | The        | amount of rebate allowed for each eligible energy   |
| 5  | storage sy | ystem      | shall not exceed the applicable cap amount, which   |
| 6  | shall be:  |            |   |
| 7  | (1)        | \$10,      | 000 per system for single-family residential        |
| 8  |            | prop       | erty; provided that:                                |
| 9  |            | (A)        | If the combined federal adjusted gross income of    |
| 10 | ·          |            | household members of the energy storage system      |
| 11 |            |            | user is \$75,000 or less for single filers, or      |
| 12 |            |            | \$150,000 or less for joint filers, in the          |
| 13 |            |            | preceding tax year in which the rebate is           |
| 14 |            |            | claimed, then the energy storage system property    |
| 15 |            |            | owner shall be eligible to receive one hundred      |
| 16 |            |            | per cent of the rebate;                             |
| 17 |            | <u>(B)</u> | If the combined federal adjusted gross income of    |
| 18 |            | •          | household members of the energy storage system      |
| 19 |            |            | user is greater than \$75,000 but less than         |
| 20 |            |            | \$150,000 for single filers, or is greater than     |
| 21 |            |            | \$150,000 but less than \$300,000 for joint filers, |

| 1  |           | in the preceding tax year in which the rebate is      |
|----|-----------|---|
| 2  |           | claimed, then the energy storage system property      |
| 3  |           | owner shall be eligible to receive fifty per cent     |
| 4  |           | of the rebate; or                                     |
| 5  |           | (C) If the combined federal adjusted gross income of  |
| 6  |           | household members of the energy storage system        |
| 7  |           | user is greater than \$150,000 for single filers,     |
| 8  |           | or greater than \$300,000 for joint filers, in the    |
| 9  |           | preceding tax year in which the rebate is             |
| 10 |           | claimed, then the energy storage system property      |
| 11 |           | owner is eligible to receive forty per cent of        |
| 12 |           | the rebate;   |
| 13 | (2)       | \$500,000 per system for commercial property; and     |
| 14 | (3)       | \$500,000 per system for utility-scale energy storage |
| 15 |           | systems; provided that the system is co-sited and     |
| 16 |           | electrically connected to an eligible community-based |
| 17 |           | renewable energy project.                             |
| 18 | (d)       | This section shall apply to eligible energy storage   |
| 19 | systems t | hat are installed and first placed in service after   |
| 20 | July 31,  | 2017.   |

| 1  | (e) The energy storage system rebate program established        |
|----|---|
| 2  | by this section shall be a three-year pilot program that shall  |
| 3  | operate from January 1, 2018, to December 31, 2020. The         |
| 4  | authority shall submit an annual report detailing the pilot     |
| 5  | program's progress and activities, including details of all     |
| 6  | rebates distributed in accordance with the pilot program, to th |
| 7  | legislature no later than twenty days prior to the convening of |
| 8  | each regular session.   |
| 9  | (f) Nothing in this section shall alter taxes due on the        |
| 10 | original purchase price of an eligible energy storage system    |
| 11 | prior to the application of this rebate. Any rebate received    |
| 12 | pursuant to the energy storage system rebate program shall not  |
| 13 | be considered income for the purposes of state or county taxes. |
| 14 | SECTION 3. Section 196-61, Hawaii Revised Statutes, is          |
| 15 | amended by adding four new definitions to be appropriately      |
| 16 | inserted and to read as follows:                                |
| 17 | ""Eligible energy storage system" means any identifiable        |
| 18 | facility, equipment, or apparatus that:                         |
| 19 | (1) Stores the electricity within a chemical battery or         |
| 20 | mechanical battery, such as flywheel energy storage,            |
| 21 | and delivers the energy back at a later time to the             |

| 1  |            | energy storage system user, an electric utility, or    |
|----|------------|--|
| 2  |            | the Hawaii electric system;                            |
| 3  | (2)        | Is fixed to a residential or commercial property and   |
| 4  |            | electrically connected to an energy storage system     |
| 5  |            | user's load or generation, or in the case of a         |
| 6  |            | utility-scale energy storage system, is fixed to a     |
| 7  |            | property and electrically connected to an eligible     |
| 8  |            | community-based renewable energy project;              |
| 9  | (3)        | Has a deployable capacity of at least 2.5 kilowatts of |
| 10 |            | continuous battery charge and discharge power and at   |
| 11 | ,          | least five kilowatt-hours of stored energy at time of  |
| 12 |            | purchase for residential and commercial energy storage |
| 13 |            | systems;   |
| 14 | (4)        | Has a minimum deployable capacity of 2.5 megawatt-     |
| 15 |            | hours and five megawatt-hours at time of purchase for  |
| 16 |            | utility-scale energy storage systems;                  |
| 17 | <u>(5)</u> | Is protected by a manufacturer's warranty of at least  |
| 18 |            | ten years or a minimum of three thousand cycles for    |
| 19 |            | residential and commercial energy storage systems;     |
| 20 | (6)        | Is protected by a manufacturer's warranty of at least  |
| 21 |            | twenty years with a degradation not to exceed 1.5 per  |

| 1  | cent per year and controls sufficient to provide real            |
|----|--|
| 2  | power and reactive power dispatch for utility-scale              |
| 3  | energy storage systems;  |
| 4  | (7) Is not owned by an electric utility; and                     |
| 5  | (8) Is connected to an electric utility grid.                    |
| 6  | "Energy storage system property owner" means the person,         |
| 7  | individual, partnership, corporation, association, or public or  |
| 8  | private organization other than an agency that holds legal title |
| 9  | to the energy storage system. An energy storage system property  |
| 10 | owner shall include the owner of third-party financed energy     |
| 11 | storage systems.   |
| 12 | "Energy storage system user" means the property owner, or        |
| 13 | the property owner's lessees or tenants, that use the energy     |
| 14 | discharged by the eligible energy storage system on the property |
| 15 | where the eligible energy storage system is located or on        |
| 16 | contiguous property owned or leased by the property owner        |
| 17 | without regard to interruptions in contiguity caused by          |
| 18 | easements, public thoroughfares, transportation rights-of-way,   |
| 19 | and utility rights-of-way.                                       |
| 20 | "First placed in service" has the same meaning as title 26       |
| 21 | Code of Federal Regulations section 1.167(a)-11(e)(1), as        |

- 1 amended."
- 2 SECTION 4. Section 196-61, Hawaii Revised Statutes, is
- 3 amended as follows:
- 4 1. By amending the definition of "loan program" and "green
- 5 infrastructure loans" to read:
- 6 ""Loan program" and "green infrastructure loans" means the
- 7 program established by this part and loans made to finance the
- 8 purchase or installation of green infrastructure equipment for
- 9 clean energy technology, demand response technology, and energy
- 10 use reduction and demand side management infrastructure,
- 11 programs, and services [as authorized by the public utilities
- 12 commission] using the proceeds of bonds or other proceeds."
- 2. By deleting the definition of "green infrastructure
- 14 loan program order".
- 15 [""Green infrastructure loan program order" means the same
- 16 as defined in section 269-161."]
- 17 SECTION 5. Section 196-64, Hawaii Revised Statutes, is
- 18 amended by amending subsection (a) to read as follows:
- "(a) In the performance of, and with respect to the
- 20 functions, powers, and duties vested in the authority by this
- 21 part, the authority, as directed by the director [and in

| 1  | accordanc   | e with a green infrastructure loan program order or    |  |  |
|----|---|--|--|--|
| 2  | orders under section 269-171 or an annual plan submitted by the |  |  |  |
| 3  | authority   | pursuant to this section, as approved by the public    |  |  |
| 4  | utilities   | -commission], may:                                     |  |  |
| 5  | (1)   | Make loans and expend funds to finance the purchase or |  |  |
| 6  |   | installation of green infrastructure equipment for     |  |  |
| 7  |   | clean energy technology, demand response technology,   |  |  |
| 8  |   | and energy use reduction and demand side management    |  |  |
| 9  |   | infrastructure, programs, and services;                |  |  |
| 10 | (2)   | Hold and invest moneys in the green infrastructure     |  |  |
| 11 |   | special fund in investments as permitted by law [and   |  |  |
| 12 |   | in accordance with approved investment guidelines      |  |  |
| 13 |   | established in one or more orders issued by the public |  |  |
| 14 |   | utilities commission pursuant to-section 269-171];     |  |  |
| 15 | (3)   | Hire employees necessary to perform its duties,        |  |  |
| 16 |   | including an executive director. The executive         |  |  |
| 17 |   | director shall be appointed by the authority, and the  |  |  |
| 18 |   | employees' positions, including the executive          |  |  |
| 19 |   | director's position, shall be exempt from chapter 76;  |  |  |
| 20 | (4)   | Enter into contracts for the service of consultants    |  |  |

for rendering professional and technical assistance

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| 1  |                      | and advice, and any other contracts that are necessary |
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| 2  |                      | and proper for the implementation of the loan program; |
| 3  | (5)                  | Enter into contracts for the administration of the     |
| 4  |                      | loan program, without the necessity of complying with  |
| 5  |                      | chapter 103D;  |
| 6  | (6)                  | Establish loan program guidelines [to be approved in   |
| 7  |                      | one or more orders issued by the public utilities      |
| 8  |                      | commission pursuant to section 269-171] to carry out   |
| 9  |                      | the purposes of this part;                             |
| 10 | (7)                  | Be audited at least annually by a firm of independent  |
| 11 |                      | certified public accountants selected by the           |
| 12 |                      | authority, and provide the results of this audit to    |
| 13 |                      | the department and the public utilities commission;    |
| 14 |                      | and  |
| 15 | (8)                  | Perform all functions necessary to effectuate the      |
| 16 |                      | purposes of this part."                                |
| 17 | SECT                 | ION 6. Section 196-65, Hawaii Revised Statutes, is     |
| 18 | amended to           | o read as follows:                                     |
| 19 | " [ <del>[</del> ] : | §196-65[+] Hawaii green infrastructure special fund.   |
| 20 | (a) There            | e is established the Hawaii green infrastructure       |
| 21 | special fo           | und into which shall be deposited:                     |



| 1  | ( ± )                 | The proceeds of bonds het of issuance costs and                   |
|----|-----------------------|---|
| 2  |                       | reserves or overcollateralization amounts;                        |
| 3  | (2)                   | Green infrastructure charges received for the use and             |
| 4  |                       | services of the loan program, including the repayment             |
| 5  |                       | of loans made under the loan program;                             |
| 6  | (3)                   | All other funds received by the department or the                 |
| 7  |                       | authority and legally available for the purposes of               |
| 8  |                       | the green infrastructure special fund;                            |
| 9  | (4)                   | Interest earnings on all amounts in the green                     |
| 10 |                       | infrastructure special fund; and                                  |
| 11 | (5)                   | [Such other] Other moneys as shall be permitted by an             |
| 12 |                       | order of the [public utilities commission.] authority.            |
| 13 | The 1                 | Hawaii green infrastructure special fund shall not be             |
| 14 | subject to            | o section 37-53. Any amounts received from green                  |
| 15 | infrastru             | cture charges or any other net proceeds earned from the           |
| 16 | allocation            | n, use, expenditure, or other disposition of amounts              |
| 17 | [ <del>approved</del> | by the public utilities commission] and deposited or              |
| 18 | held in the           | he Hawaii green infrastructure special fund in excess             |
| 19 | of amount:            | s necessary for the purposes of subsection (b) shall be           |
| 20 | credited              | to electric utility customers [ <del>as provided in a green</del> |
| 21 | infractru             | gture lear program order or orderel. Funds that are               |

- 1 transferred back to the electric utility in order to credit
- 2 electric utility customers under this subsection shall not be
- 3 considered revenue of the electric utility and shall not be
- 4 subject to state or county taxes.
- 5 (b) Moneys in the Hawaii green infrastructure special fund
- 6 may be used [, subject to the approval of the public utilities
- 7 commission, for the purposes of:
- 8 (1) Making green infrastructure loans;
- 9 (2) Paying administrative costs of the Hawaii green
- infrastructure loan program;
- 11 (3) Paying any other costs related to the Hawaii green
- infrastructure loan program; or
- 13 (4) Paying financing costs, as defined in section 269-161,
- 14 to the extent permitted by the public utilities
- 15 commission in a financing order issued pursuant to
- 16 section 269-163.
- 17 (c) The authority may invest funds held in the Hawaii
- 18 green infrastructure special fund in investments as permitted by
- 19 law[, and in accordance with approved investment guidelines
- 20 established in one or more orders issued by the public utilities
- 21 commission pursuant to section 269-171]. All amounts in the

- 1 Hawaii green infrastructure special fund shall be exempt from
- 2 all taxes and surcharges imposed by the State or the counties."
- 3 SECTION 7. Section 196-66, Hawaii Revised Statutes, is
- 4 amended to read as follows:
- 5 "[+] §196-66[+] Use of Hawaii green infrastructure special
- 6 fund[; application]. [(a) The authority shall apply to the
- 7 public utilities commission for one or more orders to effectuate
- 8 the Hawaii green infrastructure loan program, pursuant to
- 9 section 269-170.
- 10 Nothing herein shall preclude the department from applying
- 11 for a financing order, pursuant to section 269-162, prior to the
- 12 issuance of an order or orders to effectuate the Hawaii green
- 13 infrastructure loan program under section 269-171, nor from
- 14 requesting consolidation of the proceeding for a financing order
- 15 with such a loan program implementation order.
- 16 (b) An application shall be submitted by the authority to
- 17 the public utilities commission in accordance with section
- 18 <del>269-170.</del>
- 19 (c) In accordance with an approved green infrastructure
- 20 loan program order or orders, the] (a) The authority shall
- 21 utilize the proceeds of bonds and other amounts deposited in the

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1 Hawaii green infrastructure special fund pursuant to 2 [+] section[+] 196-65, or to the extent permitted by a financing 3 order, to pay financing costs, as defined in section 269-161. 4 (d) Within the order or orders issued by the public 5 utilities commission under section 269-171, the] (b) The 6 authority shall obtain approval from the public utilities 7 commission requiring the electric utilities to serve as agents 8 to bill and collect the green infrastructure charge imposed to 9 repay green infrastructure costs and transfer all green 10 infrastructure charges collected to the authority on behalf of 11 the department. Notwithstanding anything to the contrary, 12 electric utilities shall not be obligated to bill, collect, or 13 remit green infrastructure charges from nonutility customers." 14 SECTION 8. Section 269-161, Hawaii Revised Statutes, is 15 amended by deleting the definition of "green infrastructure loan 16 program order". 17 [""Green infrastructure loan program order" means an order 18 issued by the public utilities commission under section 269-171

that establishes the use or other disposition of amounts

deposited and held in the Hawaii green infrastructure special

21 fund pursuant to section 196-65."]

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| 1   | SECT        | ION 9. Section 269-166, Hawaii Revised Statutes, is     |
|-----|-------------|---|
| 2   | amended b   | y amending subsection (b) to read as follows:           |
| 3   | " (b)       | The green infrastructure fee may be applied to reduce   |
| 4   | the publi   | c benefits fee to be transferred pursuant to section    |
| 5   | 269-121 i   | f so provided in a financing order.                     |
| 6   | <u>If a</u> | financing or other order of the commission provides or  |
| 7   | had provi   | ded for the application of the green infrastructure fee |
| 8   | towards r   | eduction of the public benefits fee, then the authority |
| . 9 | shall all   | ocate and transfer any repayments of green              |
| 10  | infrastru   | cture loans received during a fiscal year in the        |
| 11  | following   | order of priority:                                      |
| 12  | (1)         | Payment of the administrative costs of the Hawaii       |
| 13  |             | green infrastructure loan program pursuant to section   |
| 14  |             | 196-65 (b) (2);   |
| 15  | (2)         | Replenishment of public benefit fee collections up to   |
| 16  |             | the amount those collections have been reduced by the   |
| 17  |             | green infrastructure fee collections in that same       |
| 18  |             | fiscal year and any remaining underpayments from        |
| 19  |             | previous fiscal years; and                              |
| 20  | (3)         | Funding or paying other costs authorized under section  |
| 21  |             | 196-65(b).  |

1 Nothing in this subsection shall affect the right to 2 impose, collect, and adjust from time to time the green 3 infrastructure fee as provided in the financing order and this 4 chapter." 5 SECTION 10. Section 269-170, Hawaii Revised Statutes, is 6 repealed. ["[\$269-170] Green infrastructure loan program order; 7 8 application. (a) The authority shall submit an application to 9 the public utilities commission for the use or other disposition **10** of amounts deposited or held in the green infrastructure special 11 fund pursuant to section 196-65 prior to the allocation, use, 12 expenditure, or other disposition of any such amounts; provided 13 that this subsection shall not apply to the expenditure of 14 amounts deposited or held in the green infrastructure special 15 fund that have been reviewed and approved by the public 16 utilities commission for operational or administrative expenses **17** of the authority pursuant to section 196-64. 18 (b) An application submitted by the authority to the 19 public utilities commission under this section shall include the 20 following:

| 1  | <del>(1)</del> | A de           | scription of each project, program, financing      |
|----|----------------|----------------|--|
| 2  |                | agre           | ement, or other arrangement for which the          |
| 3  |                | auth           | ority seeks to allocate, use, expend, or otherwise |
| 4  |                | disp           | ose of amounts deposited or held in the green      |
| 5  |                | infr           | astructure special fund, including:                |
| 6  | 9              | <del>(A)</del> | The clean energy technology, demand response       |
| 7  |                |                | technology, and energy use reduction and demand    |
| 8  |                |                | side management infrastructure, programs, and      |
| 9  |                |                | services to be financed;                           |
| 10 |                | <del>(B)</del> | A description of the parties, both direct and      |
| 11 |                |                | incidental, intended to benefit from any           |
| 12 |                |                | financing made in connection with the green        |
| 13 |                |                | infrastructure special fund amounts requested by   |
| 14 |                |                | the authority in an application submitted to the   |
| 15 |                |                | public utilities commission under this section;    |
| 16 |                | <del>(C)</del> | A description of the loan programs or other        |
| 17 |                |                | arrangements designed, established, identified,    |
| 18 |                |                | agreed to, agreed to in principle, continued,      |
| 19 |                |                | carried over, or otherwise intended to be          |
| 20 |                |                | effectuated for the use of the green               |
| 21 |                |                | infrastructure special fund amounts requested by   |

| 1  |                | the authority in an application submitted to the       |
|----|----------------|--|
| 2  |                | public utilities commission under this section;        |
| 3  |                | <del>and</del>   |
| 4  |                | (D) Any and all funding or credit sources identified,  |
| 5  |                | pledged, dedicated, or otherwise provided to           |
| 6  |                | supplement the green infrastructure special fund       |
| 7  |                | amounts requested by the authority in an               |
| 8  |                | application submitted to the public utilities          |
| 9  |                | commission under this section;                         |
| 10 | <del>(2)</del> | Minimum lending, crediting, or investing criteria in   |
| 11 |                | relation to each-project, program, financing           |
| 12 |                | agreement, or other arrangement described in an        |
| 13 |                | application submitted to the public utilities          |
| 14 |                | commission under this section;                         |
| 15 | <del>(3)</del> | A description of the repayment processes, mechanisms,  |
| 16 |                | and applicable calculations for each project, program, |
| 17 |                | financing agreement, or other arrangement described in |
| 18 |                | an application submitted to the public utilities       |
| 19 |                | commission under this section;                         |
| 20 | (4)            | An explanation of the anticipated impacts and benefits |
| 21 |                | to electric utility ratepayers of any project,         |

| 1  | program, financing agreement, or other arrangement                |
|----|---|
| 2  | described under an application submitted by the                   |
| 3  | authority to the public utilities commission under                |
| 4  | this section; and   |
| 5  | (5) Any other additional information determined to be             |
| 6  | necessary by the public utilities commission upon the             |
| 7  | review of an application submitted or resubmitted by              |
| 8  | the authority under this section."]                               |
| 9  | SECTION 11. Section 269-171, Hawaii Revised Statutes, is          |
| 10 | repealed.   |
| 11 | [" <del>[§269-171] Green infrastructure loan program order;</del> |
| 12 | issuance. (a) The public utilities commission may issue a         |
| 13 | program order authorizing the allocation, use, expenditure, or    |
| 14 | other disposition of any amounts deposited or held in the green   |
| 15 | infrastructure special fund upon the submission by the authority  |
| 16 | to the commission of a completed application, as described in     |
| 17 | this section. A green infrastructure loan program order issued    |
| 18 | by the public utilities commission shall include the following,   |
| 19 | where determined necessary and applicable by the commission:      |
| 20 | (1) An identification and description of each project,            |
| 21 | program, financing-agreement, or other arrangement                |

| 1  |                | approved by the public utilities commission for which  |
|----|----------------|--|
| 2  |                | amounts deposited or held in the green infrastructure  |
| 3  |                | special fund may be allocated, used, expended, or      |
| 4  |                | otherwise disposed of;                                 |
| 5  | <del>(2)</del> | Minimum criteria for the lending, crediting, or        |
| 6  |                | investing of amounts deposited or held in the green    |
| 7  |                | infrastructure special fund;                           |
| 8  | <del>(3)</del> | A description of the repayment processes, mechanisms,  |
| 9  |                | and applicable calculations for each project, program, |
| 10 |                | financing agreement, or other arrangement approved by  |
| 11 |                | the public utilities commission for which amounts      |
| 12 |                | deposited or held in the green infrastructure special  |
| 13 |                | fund-may be allocated, used, expended, or otherwise    |
| 14 |                | disposed of;   |
| 15 | <del>(4)</del> | A review of the anticipated impacts and benefits to    |
| 16 |                | electric utility ratepayers of any project, program,   |
| 17 |                | financing agreement, or other arrangement approved     |
| 18 |                | under a green infrastructure loan program order; and   |
| 19 | <del>(5)</del> | Any other provision or information determined to be    |
| 20 |                | necessary by the public utilities commission.          |

| 1  | <del>-(d)</del> - | The public utilities commission shall issue an order    |
|----|-------------------|---|
| 2  | under thi         | s section as expeditiously as possible upon the receipt |
| 3  | from the          | authority of a completed application submitted pursuant |
| 4  | to section        | n 269-170.  |
| 5  | <del>(c)</del>    | The order shall specify the following, including:       |
| 6  | <del>(1)</del>    | The procedures to be followed by the electric           |
| 7  |                   | utilities in the event of nonpayment or partial         |
| 8  |                   | payment of the green infrastructure charge by the       |
| 9  |                   | electric utilities' customers, which procedures shall   |
| 10 |                   | be consistent with the public utilities commission's    |
| 11 |                   | approved procedures for nonpayment and partial payment  |
| 12 |                   | of rates, charges, and fees under the electric          |
| 13 |                   | utilities' tariffs; and                                 |
| 14 | <del>(2)</del>    | The distribution of the total amounts collected by the  |
| 15 |                   | electric utilities for amounts billed to customers for  |
| 16 |                   | the electric utilities rates, fees, and charges, for    |
| 17 |                   | the green infrastructure charge, for other fees and     |
| 18 |                   | charges approved by the public utilities commission,    |
| 19 |                   | and for associated taxes, in the event of partial       |
| 20 |                   | payments of the billed amounts.                         |

- 1 The electric utilities serving as billing and collecting
- 2 agents shall be parties to the proceedings in which the order or
- 3 orders are issued."]
- 4 SECTION 12. (a) The legislature finds and declares that
- 5 the benefits of the clean energy savings jump start program,
- 6 which may include but not be limited to the issuance of rebates,
- 7 energy education, energy demonstration projects for affordable
- 8 multi-family rental projects, and credit enhancements under this
- 9 Act is in the public interest and for the public health, safety,
- 10 and welfare.
- 11 (b) The department of business, economic development, and
- 12 tourism, and the green infrastructure authority embedded within
- 13 the department, shall use the moneys appropriated pursuant to
- 14 section 14 of this Act for the purposes of section 196-A, Hawaii
- 15 Revised Statutes.
- 16 (c) To the extent there is any conflict between this Act
- 17 and part III of chapter 39, Hawaii Revised Statutes, part III of
- 18 chapter 39, Hawaii Revised Statutes, shall prevail.
- 19 SECTION 13. The public utilities commission's financing
- 20 order (Decision and Order No. 32281) and program order (Decision
- 21 Order No. 32318) for the Hawaii green infrastructure loan



- 1 program shall remain in effect until superseded or modified by a
- 2 subsequent decision or order of the public utilities commission
- 3 or act of the legislature.
- 4 SECTION 14. There is appropriated out of the Hawaii green
- 5 infrastructure special fund established pursuant to section
- 6 196-65, Hawaii Revised Statutes, or any other eliqible funds
- 7 procured by the Hawaii green infrastructure authority, the sum
- 8 of \$ or so much thereof as may be necessary for fiscal
- 9 year 2017-2018 to be deposited into the clean energy savings
- 10 jump start fund established pursuant to section 196-A, Hawaii
- 11 Revised Statutes.
- 12 SECTION 15. There is appropriated out of the clean energy
- 13 savings jump start fund, the sum of \$ or so much
- 14 thereof as may be necessary for fiscal year 2017-2018 for the
- 15 energy storage system rebate program.
- 16 The sum appropriated shall be expended by the Hawaii green
- 17 infrastructure authority for the purposes of this Act.
- 18 SECTION 16. In codifying the new sections added by section
- 19 2 of this Act, the revisor of statutes shall substitute
- 20 appropriate section numbers for the letters used in designating
- 21 the new sections in this Act.

- 1 SECTION 17. If any provision of this Act, or the
- 2 application thereof to any person or circumstance, is held
- 3 invalid, the invalidity does not affect other provisions or
- 4 applications of the Act that can be given effect without the
- 5 invalid provision or application, and to this end the provisions
- 6 of this Act are severable.
- 7 SECTION 18. Statutory material to be repealed is bracketed
- 8 and stricken. New statutory material is underscored.
- 9 SECTION 19. This Act shall take effect on January 28,
- **10** 2081.

#### Report Title:

Green Infrastructure Authority; PUC; Loan Program; Clean Energy Savings; Energy Storage System Rebate Pilot Program; Appropriation

#### Description:

Establishes the Clean Energy Savings Jump Start Program and Clean Energy Savings Jump Start Fund. Establishes the Energy Storage System Rebate Program as a three-year pilot program and requires the Green Infrastructure Authority to submit annual reports to the legislature on the program's progress and activities. Deletes the Public Utilities Commission's approval authority relative to the Green Infrastructure Loan Program. Appropriates funds. Effective 1/28/2081. (SD2)

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