
A BILL FOR AN ACT

RELATING TO ENERGY EFFICIENCY.

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

1 PART I

2 SECTION 1. Attaining independence from our detrimental
3 reliance on fossil fuels has been a long-standing objective for
4 the State.

5 Hawaii is the most petroleum dependent state for its energy
6 needs. We pay the highest electricity prices in the United
7 States, and our gasoline costs are among the highest in the
8 country. Fuel surcharges that pass the increases in fuel costs
9 to consumers have significantly increased the cost of over
10 eighty per cent of the goods and services sold in Hawaii.
11 Household fuels and utilities costs rose 36.4 per cent from the
12 previous year, as reflected in the Honolulu Consumer Price Index
13 during the second quarter of 2008. Hawaii's energy costs
14 approach eleven per cent of its gross domestic product, whereas
15 in most states energy costs are four per cent of gross domestic
16 product. Between 2005 and 2008, state government consumption of
17 electricity increased 3.9 per cent, but expenditures increased
18 56.8 per cent.

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1 Reducing our oil dependence and the consequent price
2 volatility and attaining a measure of energy security is
3 critical. More than ninety-six per cent of petroleum in Hawaii
4 now comes from foreign sources. Clean energy from indigenous
5 renewable resources has the potential to provide an estimated
6 one hundred fifty per cent of current installed electrical
7 capacity.

8 On January 28, 2008, the signing of a Memorandum of
9 Understanding between the State of Hawaii and the United States
10 Department of Energy launched the Hawaii Clean Energy
11 Initiative. This initiative and long-term partnership between
12 Hawaii and the United States Department of Energy are aimed at
13 accelerating the use and development of energy-efficiency and
14 renewable energy technologies; allowing Hawaii to serve as a
15 model and demonstration for the United States and other island
16 communities, as well as developing a national partnership to
17 accelerate system transformation, whereby the following goals
18 may be attained:

- 19 (1) Achieve a seventy per cent clean energy economy for
20 Hawaii within a generation;
- 21 (2) Increase Hawaii's energy security;

- 1 (3) Capture economic benefits of clean energy for all
- 2 levels of society;
- 3 (4) Contribute to greenhouse gas reduction;
- 4 (5) Foster and demonstrate innovation;
- 5 (6) Build the workforce of the future; and
- 6 (7) Serve as a national model.

7 The purpose of this Act is to provide a first step in
8 aligning Hawaii's energy policy laws with the State's energy
9 goals. For Hawaii to realize energy independence and economic
10 stability, the transformation of its energy system must
11 encompass changes to:

- 12 (1) Hawaii's policy or regulatory framework;
- 13 (2) System-level technology development and integration;
- 14 (3) Financing or capital investment; and
- 15 (4) Institutional system planning.

16 Energy-efficiency can contribute significantly towards the
17 goal of utilizing clean energy in meeting seventy per cent of
18 Hawaii's energy demand by 2030. The Hawaii Clean Energy
19 Initiative set goals for energy-efficiency that were developed
20 by the United States Department of Energy; the department of
21 business, economic development, and tourism; and members of the
22 Hawaii Clean Energy Initiative working groups during 2008. This

1 effort presents a range of measures -- some proven elsewhere,
2 some innovative -- to reach aggressive energy goals while
3 balancing the interests of various stakeholders.

4 PART II

5 ENERGY-EFFICIENCY

6 SECTION 2. The Hawaii Revised Statutes, is amended by
7 adding three new sections to be appropriately designated and to
8 read as follows:

9 "§ - Energy-efficiency portfolio standard. (a) The
10 State shall set an energy-efficiency portfolio standard with the
11 goal of pursuing all cost-effective energy-efficiency
12 opportunities and off-setting forecasted electricity load growth
13 to the maximum extent feasible.

14 The statewide target shall be four thousand three hundred
15 gigawatt-hours of electricity savings by 2030. Interim
16 electricity savings targets and any island-by-island targets
17 shall be established by the public utilities commission.

18 (b) The public utilities commission shall establish all
19 necessary parameters to implement the energy-efficiency
20 portfolio standard by rule or order. These parameters may
21 include but not be limited to identification of the parties or
22 sectors who are responsible for each element of the energy-

1 efficiency portfolio standard and establishment of incentives
2 and penalties, as appropriate, based on performance by each
3 entity to the extent within the jurisdiction of the public
4 utilities commission.

5 (c) The public benefits fee administrator under part VII,
6 chapter 269 shall be primarily responsible for achieving the
7 level of energy-efficiency described in this section by
8 instituting energy-efficiency programs as provided under chapter
9 269. The public benefits fee administrator shall submit annual
10 reports to the public utilities commission by December 1 of each
11 year, beginning in 2011, reporting energy savings achieved
12 during the previous year. The public utilities commission shall
13 monitor and evaluate the progress of energy savings performance
14 against the energy-efficiency portfolio standard.

15 (d) The public utilities commission shall evaluate the
16 energy-efficiency portfolio standard every five years, beginning
17 in 2013, and may revise the standard, based on the best
18 information available at the time, to determine if the energy-
19 efficiency portfolio standard established by this section
20 remains achievable. The commission shall report its findings
21 and revisions to the energy-efficiency portfolio standard, based
22 on its own studies and other information, to the legislature no

1 later than twenty days before the convening of the regular
2 session of 2014, and every five years thereafter.

3 § - **Public buildings; benchmarks.** (a) By
4 December 31, 2010, each state department with responsibilities
5 for the design and construction of public buildings and
6 facilities shall benchmark every existing public building that
7 is either larger than five thousand square feet or uses more
8 than eight thousand kilowatt-hours of electricity or energy per
9 year. Each affected department shall use the benchmark as a
10 basis in determining the State's investment in improving the
11 efficiency of its own building stock. Benchmarking shall be
12 conducted using the ENERGY STAR portfolio management tool or an
13 equivalent tool, as determined by the public benefits fee
14 administrator. The energy resources coordinator shall provide
15 training to affected departments on the ENERGY STAR portfolio
16 management tool or an equivalent tool.

17 (b) Public buildings shall be retro-commissioned not less
18 than every five years. The energy resources coordinator shall
19 establish retro-commissioning guidelines by January 1, 2010.

20 (c) Departments may enter into energy savings performance
21 contracts with a third party to cover the capital costs of
22 energy-efficiency measures and distributed generation as long as

1 the terms of the energy savings performance contracts conform to
2 this standard. The comptroller may review and exempt specific
3 projects as appropriate to take into account cost-effectiveness.

4 Energy savings performance contracts shall be executed
5 according to state guidelines issued by the comptroller, and the
6 contracts shall be reviewed by the comptroller. To expedite
7 energy saving performance contracting for public buildings, the
8 department of accounting and general services shall develop a
9 master energy savings performance contracts agreement that any
10 department may use to contract with an energy savings
11 performance contracts provider for energy-efficiency and
12 renewable energy services.

13 (d) Existing public buildings that undergo a major
14 retrofit or renovation shall make investments in efficiency,
15 provided that the cost of the measures shall be recouped within
16 twenty years.

17 § - **Energy-efficiency consumer information in sale or**
18 **lease of real property.** Energy consumption information shall be
19 disclosed by the seller or lessor in the sale or lease of real
20 property. Financial institutions and new occupant consumers
21 shall be provided energy information by the seller or lessor
22 before the sale or lease of real property."

1 SECTION 3. Chapter 235, Hawaii Revised Statutes, is
2 amended by adding a new section to be appropriately designated
3 and to read as follows:

4 **"§235- Tax credit for a net-zero energy building. (a)**

5 There shall be allowed to each taxpayer who owns a net-zero
6 energy building fixed to real property located in the State an
7 income tax credit that shall be deductible from the taxpayer's
8 net income tax liability, if any, imposed by this chapter only
9 for the first taxable year in which the building meets the
10 definition of net-zero energy building.

11 (b) The amount of the credit shall be:

12 (1) For a building that is up to and including one
13 thousand square feet, the tax credit shall be \$9 per
14 square foot;

15 (2) For a building that is more than one thousand square
16 feet but less than four thousand square feet, the tax
17 credit shall be \$6 per square foot;

18 (3) For a building that is four thousand square feet or
19 larger, the tax credit shall be \$3 per square foot for
20 a maximum credit of \$50,000.

21 (c) In the case of a partnership, S corporation, estate,
22 or trust, the tax credit allowable is for every net-zero energy

1 building owned by the entity. Distribution and share of the
2 credit shall be determined pursuant to section 235-110.7(a).

3 In the case of a building owned by more than one person,
4 the tax credit shall be determined as if owned by one person,
5 and then apportioned among the various owners in proportion to
6 their ownership interest in the building.

7 (d) For purposes of this section:

8 "Net-zero energy building" means any building that produces
9 more electricity from renewable energy technology systems than
10 it consumes from all sources on a monthly basis during any nine
11 months of the tax year.

12 "Renewable energy technology system" means a system that
13 captures and converts a renewable source of energy into
14 electricity.

15 (e) The director of taxation shall prepare any forms that
16 may be necessary to claim a tax credit under this section. The
17 director of taxation may require the taxpayer to furnish
18 reasonable information to ascertain the validity of the claim
19 for credit made under this section and may adopt rules necessary
20 to effectuate the purposes of this section pursuant to chapter
21 91.

1 (f) If the tax credit under this section exceeds the
2 taxpayer's income tax liability, the excess of the credit over
3 liability may be used as a credit against the taxpayer's income
4 tax liability in subsequent years until exhausted. All claims
5 for the tax credit under this section, including amended claims,
6 shall be filed on or before the end of the twelfth month
7 following the close of the taxable year for which the credit may
8 be claimed. Failure to comply with this subsection shall
9 constitute a waiver of the right to claim the credit.

10 (g) This section shall apply to taxable years beginning
11 after December 31, 2009, and shall not apply to taxable years
12 beginning after December 31, 2019.

13 (h) Taxpayers claiming tax credits for renewable energy
14 systems under this section are not eligible for tax credits
15 under section 235-12.5.

16 (i) If, during any taxable year, a net-zero energy
17 building ceases to be a net-zero energy building and is owned by
18 the taxpayer who claimed the tax credit, then the tax credit
19 shall be recaptured. To recapture, the taxpayer shall add to
20 taxable income, for the taxable year in which the building
21 ceases to be a net-zero energy building, the amount of the

1 recapture percentage of the credits allowed and claimed under
2 this section.

3 For the purposes of this subsection, if the property ceases
4 to be a net-zero energy building within the time specified, then
5 the recapture percentage is:

6 (1) One full year after the taxable year in which the
7 credit is claimed: One hundred per cent.

8 (2) One full year after the close of the period described
9 in paragraph (1): Eighty per cent.

10 (3) One full year after the close of the period described
11 in paragraph (2): Sixty per cent.

12 (4) One full year after the close of the period described
13 in paragraph (3): Forty per cent.

14 (5) One full year after the close of the period described
15 in paragraph (4): Twenty per cent.

16 (j) If a deduction is taken under section 179 (relating to
17 the election to expense certain depreciable business assets) of
18 the Internal Revenue Code, no tax credit shall be allowed for
19 that portion of the cost for which the deduction is taken.

20 (k) The basis of eligible property for depreciation or
21 accelerated cost recovery system purposes for state income taxes
22 shall be reduced by the amount of credit allowable and claimed.

1 In the alternative, the taxpayer shall treat the amount of the
2 credit allowable and claimed as a taxable income item for the
3 taxable year in which it is properly recognized under the method
4 of accounting used to compute taxable income."

5 SECTION 4. Section 269-123, Hawaii Revised Statutes, is
6 amended by amending subsection (b) to read as follows:

7 "(b) The public benefits fee administrator's duties and
8 responsibilities shall be established by the public utilities
9 commission by rule or order, and may include:

- 10 (1) Identifying, developing, administering, promoting,
11 implementing, and evaluating programs, methods, and
12 technologies that support energy-efficiency and
13 demand-side management programs;
- 14 (2) Encouraging the continuance or improvement of
15 efficiencies made in the production, delivery, and use
16 of energy-efficiency and demand-side management
17 programs and services;
- 18 (3) Using the energy-efficiency expertise and capabilities
19 that have developed or may develop in the State and
20 consulting with state agency experts;

- 1 (4) Promoting program initiatives, incentives, and market
2 strategies that address the needs of persons facing
3 the most significant barriers to participation;
- 4 (5) Promoting coordinated program delivery, including
5 coordination with electric public utilities regarding
6 the delivery of low-income home energy assistance,
7 other demand-side management or energy-efficiency
8 programs, and any utility programs;
- 9 (6) Consideration of innovative approaches to delivering
10 demand-side management and energy-efficiency services,
11 including strategies to encourage third-party
12 financing and customer contributions to the cost of
13 demand-side management and energy-efficiency services;
14 [~~and~~]
- 15 (7) Conducting energy-efficiency assessments to identify
16 current energy use patterns in the State and areas of
17 greatest potential for energy savings. The
18 assessments shall include end-use research regarding
19 Hawaii's homes, businesses, and other utility
20 customers. The energy-efficiency assessments shall
21 help the public benefits fee administrator to identify
22 and recommend energy-efficiency programs to target.

1 The energy-efficiency assessments shall be forwarded
2 to the legislature, the public utilities commission,
3 the energy resources coordinator, and the electric
4 public utilities;

5 (8) Establishing aggressive energy-efficiency plans with
6 the provision that efficiency shall be the first
7 loaded resource in all cases where it is cost-
8 effective. For the purposes of this paragraph, "cost
9 effective" means that all resources are deemed to
10 effectively cover the incremental cost of investment
11 within fifteen years, when measured against average
12 electricity rates for residential, small commercial,
13 large commercial, industrial, and agricultural
14 customers;

15 (9) Establishing on-bill financing programs to promote and
16 encourage the consumer acquisition of more efficient
17 major electrical appliances, solar water heaters, and
18 photovoltaic systems;

19 ~~(7)~~ (10) Submitting, to the public utilities commission
20 for review and approval, a multi-year budget and
21 planning cycle that promotes program improvement,

1 program stability, and maturation of programs and
2 delivery resources[-];

3 (11) Conducting building code analysis and review and
4 developing and implementing recommendations, including
5 but not limited to:

6 (A) Instituting procedures for, and measurement and
7 verification of, buildings and homes constructed
8 under the building code to assess building code
9 compliance and building performance. The results
10 will provide information on necessary changes
11 that should be implemented to the building code
12 and in the delivery of building code training;

13 (B) Conducting analysis of the energy intensity of
14 residential and commercial buildings built
15 pursuant to the building code compared to
16 baseline homes;

17 (C) Surveying builders to determine costs associated
18 with meeting building code requirements for
19 residential and commercial buildings;

20 (D) Delivering the results of these analyses and
21 surveys to the public utilities commission
22 annually, the results of which shall include

- 1 recommendations for building code updates to be
2 provided to the state building code council as
3 petitions for rules changes;
- 4 (E) Assessing the feasibility of implementing a
5 net-zero energy building code for residential and
6 commercial construction;
- 7 (F) Recommending technical amendments to the
8 international energy conservation code in order
9 to take advantage of Hawaii's climate;
- 10 (G) Evaluating the costs and benefits of requiring:
- 11 (i) Advanced meters and energy "dashboard"
12 technologies that improve the ability of the
13 occupant to monitor and improve building
14 performance;
- 15 (ii) Cool roof standards;
- 16 (iii) Roofs of new homes to be solar-ready;
- 17 (iv) All homes built or rehabilitated in the
18 State to have and present an energy label;
19 and
- 20 (v) Any other measures that will improve the
21 ability of the homeowner to better

- 1 understand and manage the homeowner's energy
- 2 use; and
- 3 (H) Establishing building energy-efficiency
- 4 commissioning guidelines appropriate for building
- 5 practices, including recommending enforcement
- 6 mechanisms in the State by January 1, 2010;
- 7 (12) Establishing programs and information to educate
- 8 financial institutions, mortgage brokers, and
- 9 consumers on the economics of energy-efficient
- 10 properties, including savings over the life-cycle of
- 11 the properties; and
- 12 (13) Processing variances from solar water heating
- 13 installations required under chapter 196."

PART III

RENEWABLE ENERGY INCOME TAX CREDIT

16 SECTION 5. Section 235-12.5, Hawaii Revised Statutes, is
17 amended to read as follows:

18 "**§235-12.5 Renewable energy technologies; income tax**
19 **credit.** (a) When the requirements of subsection [~~e~~] (d) are
20 met, each individual or corporate taxpayer that files an
21 individual or corporate net income tax return for a taxable year
22 may claim a tax credit under this section against the Hawaii

1 state individual or corporate net income tax. The tax credit
2 may be claimed for every eligible renewable energy technology
3 system that is installed and placed in service in the State by a
4 taxpayer during the taxable year. [~~This credit shall be~~
5 ~~available for systems installed and placed in service in the~~
6 ~~State after June 30, 2003.~~] The tax credit may be claimed as
7 follows:

8 [~~(1) Solar thermal energy systems for:~~

9 ~~(A) Single-family residential property for which a~~
10 ~~building permit was issued prior to January 1,~~
11 ~~2010: thirty-five per cent of the actual cost or~~
12 ~~\$2,250, whichever is less;~~

13 ~~(B) Multi-family residential property: thirty-five~~
14 ~~per cent of the actual cost or \$350 per unit,~~
15 ~~whichever is less; and~~

16 ~~(C) Commercial property: thirty-five per cent of the~~
17 ~~actual cost or \$250,000, whichever is less;~~

18 ~~(2) Wind-powered energy systems for:~~

19 ~~(A) Single-family residential property: twenty per~~
20 ~~cent of the actual cost or \$1,500, whichever is~~
21 ~~less;~~

- 1 ~~(B) Multi-family residential property: twenty per~~
2 ~~cent of the actual cost or \$200 per unit,~~
3 ~~whichever is less; and~~
- 4 ~~(C) Commercial property: twenty per cent of the~~
5 ~~actual cost or \$500,000, whichever is less; and~~
- 6 ~~(3) Photovoltaic energy systems for:~~
- 7 ~~(A) Single-family residential property: thirty-five~~
8 ~~per cent of the actual cost or \$5,000, whichever~~
9 ~~is less;~~
- 10 ~~(B) Multi-family residential property: thirty-five~~
11 ~~per cent of the actual cost or \$350 per unit,~~
12 ~~whichever is less; and~~
- 13 ~~(C) Commercial property: thirty-five per cent of the~~
14 ~~actual cost or \$500,000, whichever is less;]~~
- 15 (1) For each solar energy system: thirty-five per cent of
16 the actual cost or the cap amount determined in
17 subsection (b), whichever is less; or
- 18 (2) For each wind-powered energy system: twenty per cent
19 of the actual cost or the cap amount determined in
20 subsection (b), whichever is less;

21 provided that multiple owners of a single system shall be
22 entitled to a single tax credit; and provided further that the

1 tax credit shall be apportioned between the owners in proportion
2 to their contribution to the cost of the system.

3 In the case of a partnership, S corporation, estate, or
4 trust, the tax credit allowable is for every eligible renewable
5 energy technology system that is installed and placed in service
6 in the State by the entity. The cost upon which the tax credit
7 is computed shall be determined at the entity level.

8 Distribution and share of credit shall be determined pursuant to
9 section 235-110.7(a).

10 (b) The amount of credit allowed for each eligible
11 renewable energy technology system shall not exceed the
12 applicable cap amount, which is determined as follows:

13 (1) If the primary purpose of the solar energy system is
14 to use energy from the sun to heat water for household
15 use, then the cap amounts shall be:

16 (A) \$2,250 per system for single-family residential
17 property;

18 (B) \$350 per unit per system for multi-family
19 residential property; and

20 (C) \$250,000 per system for commercial property.

21 (2) For all other solar energy systems, the cap amounts
22 shall be:

1 (A) \$5,000 per system for single-family residential
2 property;

3 (B) \$350 per unit per system for multi-family
4 residential property; and

5 (C) \$500,000 per system for commercial property.

6 (3) For all wind-powered energy systems, the cap amounts
7 shall be:

8 (A) \$1,500 per system for single-family residential
9 property;

10 (B) \$200 per unit per system for multi-family
11 residential property; and

12 (C) \$500,000 per system for commercial property.

13 ~~(b)~~ (c) For the purposes of this section:

14 "Actual cost" means costs related to the renewable energy
15 technology systems under subsection (a), including accessories
16 and installation, but not including the cost of consumer
17 incentive premiums unrelated to the operation of the system or
18 offered with the sale of the system and costs for which another
19 credit is claimed under this chapter.

20 "Household use" means any use that heated water is commonly
21 put to in a residential setting, including commercial
22 application of those uses.

1 "Renewable energy technology system" means a new system
2 that captures and converts a renewable source of energy, such as
3 [~~wind, heat (solar thermal), or light (photovoltaic) from the~~
4 ~~sun~~] solar or wind energy, into:

- 5 (1) A usable source of thermal or mechanical energy;
- 6 (2) Electricity; or
- 7 (3) Fuel.

8 "Solar or wind energy system" means any identifiable
9 facility, equipment, apparatus, or the like that converts
10 [~~insolation~~] solar or wind energy to useful thermal or
11 electrical energy for heating, cooling, or reducing the use of
12 other types of energy that are dependent upon fossil fuel for
13 their generation.

14 [~~(c)~~] (d) For taxable years beginning after December 31,
15 2005, the dollar amount of any utility rebate shall be deducted
16 from the cost of the qualifying system and its installation
17 before applying the state tax credit.

18 [~~(d)~~] (e) The director of taxation shall prepare any forms
19 that may be necessary to claim a tax credit under this section,
20 including forms identifying the technology type of each tax
21 credit claimed under this section, whether for [~~solar thermal,~~
22 ~~photovoltaic from the sun,~~] solar or wind. The director may

1 also require the taxpayer to furnish reasonable information to
2 ascertain the validity of the claim for credit made under this
3 section and may adopt rules necessary to effectuate the purposes
4 of this section pursuant to chapter 91.

5 ~~[(e)]~~ (f) If the tax credit under this section exceeds the
6 taxpayer's income tax liability, the excess of the credit over
7 liability may be used as a credit against the taxpayer's income
8 tax liability in subsequent years until exhausted~~[-]~~, unless
9 otherwise elected by the taxpayer pursuant to subsection (g) or
10 (h). All claims for the tax credit under this section,
11 including amended claims, shall be filed on or before the end of
12 the twelfth month following the close of the taxable year for
13 which the credit may be claimed. Failure to comply with this
14 subsection shall constitute a waiver of the right to claim the
15 credit.

16 ~~[(f) By or before December, 2005, to the extent feasible,~~
17 ~~using existing resources to assist the energy efficiency policy~~
18 ~~review and evaluation, the department shall assist with data~~
19 ~~collection on the following:~~

20 ~~(1) The number of renewable energy technology systems that~~
21 ~~have qualified for a tax credit during the past year~~
22 ~~by:~~

1 ~~(A) Technology type (solar thermal, photovoltaic from~~
2 ~~the sun, and wind); and~~

3 ~~(B) Taxpayer type (corporate and individual); and~~

4 ~~(2) The total cost of the tax credit to the State during~~
5 ~~the past year by:~~

6 ~~(A) Technology type; and~~

7 ~~(B) Taxpayer type.~~

8 ~~(g) For systems installed and placed in service in 2009,~~
9 ~~no residential home developer shall be entitled to claim the~~
10 ~~credit under subsections (a) (1) (A), (a) (2) (A), and (a) (3) (A). A~~
11 ~~residential home developer is defined as a person who holds more~~
12 ~~than one residential dwelling for sale as inventory.]~~

13 (g) For solar energy systems, a taxpayer may elect to
14 reduce the eligible credit amount by thirty per cent and if this
15 reduced tax credit exceeds the amount of income tax payment due
16 from the taxpayer, the excess of the credit over payment due
17 shall be refunded to the taxpayer; provided that tax credits
18 properly claimed by a taxpayer who has no income tax liability
19 shall be paid to the taxpayer; and provided further that no
20 refund on account of the tax credit allowed by this section
21 shall be made for amounts less than \$1.

1 The election required by this subsection shall be made in a
2 manner prescribed by the director on the taxpayer's return for
3 the taxable year in which the system is installed and placed in
4 service. A separate election may be made for each separate
5 system that generates a credit. An election once made is
6 irrevocable.

7 (h) For any renewable energy technology system, an
8 individual taxpayer may elect to have any excess of the credit
9 over the amount of income tax payment due refunded to the
10 taxpayer, if:

11 (1) All of the taxpayer's income is exempt from taxation
12 under section 235-7(a) (2) or (3); or

13 (2) The taxpayer's adjusted gross income is \$20,000 or
14 less (or \$40,000 or less if filing a tax return as
15 married filing jointly);

16 provided that tax credits properly claimed by a taxpayer who has
17 no income tax liability shall be paid to the taxpayer; and
18 provided further that no refund on account of the tax credit
19 allowed by this section shall be made for amounts less than \$1.

20 A husband and wife who do not file a joint tax return shall
21 only be entitled to make this election to the extent that they

1 would have been entitled to make the election had they filed a
2 joint tax return.

3 The election required by this subsection shall be made in a
4 manner prescribed by the director on the taxpayer's return for
5 the taxable year in which the system is installed and placed in
6 service. A separate election may be made for each separate
7 system that generates a credit. An election once made is
8 irrevocable.

9 (i) No taxpayer shall be allowed a credit under this
10 section for the portion of a renewable energy technology system
11 required by section 196-6.5 that is installed and placed in
12 service on any newly constructed single-family residential
13 property authorized by a building permit issued on or after
14 January 1, 2010.

15 (j) To the extent feasible, using existing resources to
16 assist the energy-efficiency policy review and evaluation, the
17 department shall assist with data collection on the following
18 for each taxable year:

19 (1) The number of renewable energy technology systems that
20 have qualified for a tax credit during the calendar
21 year by:

22 (A) Technology type; and

1 (B) Taxpayer type (corporate and individual); and
2 (2) The total cost of the tax credit to the State during
3 the taxable year by:
4 (A) Technology type; and
5 (B) Taxpayer type.
6 (k) This section shall apply to eligible renewable energy
7 technology systems that are installed and placed in service on
8 or after July 1, 2009."

PART IV

MISCELLANEOUS

11 SECTION 6. Statutory material to be repealed is bracketed
12 and stricken. New statutory material is underscored.

13 SECTION 7. This Act shall take effect on January 1, 2090;
14 provided that section 5 shall apply to taxable years beginning
15 after December 31, 2090.

Report Title:

Energy-Efficiency

Description:

Establishes energy-efficiency initiatives necessary for and contributing to the transition of Hawaii's energy sector to non-petroleum energy sources. Effective 01/01/90. (SD2)