A BILL FOR AN ACT

RELATING TO ENERGY.

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

1 SECTION 1. The legislature finds that Hawaii's dependency 2 on imported fossil fuels drains the State's economy of billions 3 of dollars each year. A stronger local economy depends on a 4 transition away from imported fossil fuel powered ground 5 transportation and toward multi-modal transportation systems 6 powered by renewable local energy resources.

7 Climate change caused by greenhouse gas emissions from burning fossil fuels poses a serious threat to the economic 8 9 well-being, public health, natural resources, and environment of 10 Hawaii. The potential adverse impacts of climate change include 11 the exacerbation of air-quality problems, a reduction in the 12 quality and supply of water, a rise in sea levels resulting in 13 the displacement of coastal businesses and residences, damage to 14 marine ecosystems and the natural environment, and an increase 15 in the incidences of infectious diseases, asthma, and other 16 human health-related problems.



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1 Climate change will have detrimental effects on some of 2 Hawaii's largest industries, including tourism, agriculture, and 3 recreational and commercial fishing. It will also increase the 4 strain on electricity supplies necessary to meet the increased 5 demand for air-conditioning in the State. 6 The purpose of this Act is to reduce and ultimately 7 eliminate Hawaii's dependence on imported fossil fuels for 8 electrical generation and ground transportation sector by 2045. 9 This goal will ensure maximum long-term benefit to Hawaii's 10 economy and the reduction of long-term consequences of climate 11 change to the State's economy and environment. 12 SECTION 2. Section 196-10.5, Hawaii Revised Statutes, is 13 amended to read as follows: 14 "[{] §196-10.5[}] Hawaii clean energy initiative program. 15 (a) There is established within the department of business, 16 economic development, and tourism, a Hawaii clean energy 17 initiative program to manage the State's transition to a clean energy economy. The clean energy program shall design, 18 19 implement, and administer activities that include:



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1	(1)	Strategic partnerships for the research, development,
2		testing, deployment, and permitting of clean and
3		renewable technologies;
4	(2)	Engineering and economic evaluations of Hawaii's
5		potential for near-term project opportunities for the
6		State's renewable energy resources;
7	(3)	Electric grid reliability and security projects that
8		will enable the integration of a substantial increase
9		of electricity from renewable-energy resources;
10	(4)	A statewide clean energy public education and outreach
11		plan to be developed in coordination with Hawaii's
12		institutions of public education;
13	(5)	Promotion of Hawaii's clean and renewable resources to
14		potential partners and investors;
15	(6)	A plan, to be implemented from 2011 to [2030,] <u>2045,</u>
16		to transition the State to a clean energy economy[$_{7}$],
17		including the reduction and ultimate elimination of
18		Hawaii's dependence on imported fossil fuels for
19		electrical generation and ground transportation by
20		<u>2045;</u> and



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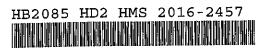
(7) A plan, to be implemented from 2011 to $[2030_7]$ 2045, 1 to assist each county in transitioning to a clean 2 energy economy. 3 Prior to the initiation of any activities authorized 4 (b) under subsection (a), the department of business, economic 5 development, and tourism shall develop a plan of action with the 6 intent of promoting effective prioritization and focusing of 7 efforts consistent with the State's energy programs and 8 9 objectives. (c) The department of business, economic development, and 10 tourism shall submit a report to the legislature no later than 11 twenty days prior to the convening of each regular session on 12 the status and progress of new and existing clean energy 13 initiatives. The report shall also include: 14 The spending plan of the Hawaii clean energy (1)15 initiative program; 16 All expenditures of energy security special fund 17 (2) moneys; [and] 18 The targeted markets of the expenditures, including (3) 19 reasons for selecting those markets, the persons to be 20 served, specific objectives of the program, and 21



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1		program expenditures, including measurable
2		outcomes [-]; and
3	(4)	Recommendations to achieve the goals of subsection
4		(a)(6), including timelines and benchmarks."
5	SECTI	CON 3. Section 226-17, Hawaii Revised Statutes, is
6	amended by	amending subsection (a) to read as follows:
7	"(a)	Planning for the State's facility systems with regard
8	to transpo	ortation shall be directed towards the achievement of
9	the follow	ving objectives:
10	(1)	An integrated multi-modal transportation system that
11		services statewide needs and promotes the efficient,
12		economical, safe, and convenient movement of people
13		and goods.
14	(2)	A statewide transportation system that is consistent
15		with and will accommodate planned growth objectives
16		throughout the State.
17	<u>(3)</u>	Increased energy security and self-sufficiency through
18		the reduction and ultimate elimination of imported
19		fossil fuels for ground transportation by 2045."
20	SECT	ION 4. Section 226-18, Hawaii Revised Statutes, is
21	amended b	y amending subsection (a) to read as follows:



1	"(a)	Planning for the State's facility systems with regard
2	to energy	shall be directed toward the achievement of the
3	following	objectives, giving due consideration to all:
4	(1)	Dependable, efficient, and economical statewide energy
5		systems capable of supporting the needs of the people;
6	(2)	Increased energy security and self-sufficiency through
7		the reduction and ultimate elimination of Hawaii's
8		dependence on imported fossil fuels for electrical
9		generation and ground transportation [+] by 2045;
10	(3)	Greater diversification of energy generation in the
11		face of threats to Hawaii's energy supplies and
12		systems;
13	(4)	Reduction, avoidance, or sequestration of greenhouse
14		gas emissions from energy supply and use; and
15	(5)	Utility models that make the social and financial
16		interests of Hawaii's utility customers a priority."
17	SEC	IION 5. Statutory material to be repealed is bracketed
18	and stri	cken. New statutory material is underscored.
19	SEC	TION 6. This Act shall take effect on July 1, 2030.

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Report Title:

Electricity; Transportation; Fossil Fuels; Hawaii Clean Energy Initiative Program; Hawaii State Planning Act

Description:

Aims to reduce and ultimately eliminate Hawaii's dependence on imported fossil fuels for electrical generation and ground transportation by 2045. (HB2085 HD2)

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