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# A BILL FOR AN ACT

RELATING TO TRANSPORTATION ENERGY INITIATIVES.

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

1 SECTION 1. The legislature finds that Hawaii must take bold steps toward reducing its dependence on imported fossil 2 3 The state imports ninety-five per cent of its energy, fuels. most of which comes from petroleum and coal. Eighty-nine per 4 5 cent of Hawaii's energy is derived from petroleum and six per cent is derived from coal. Of all the energy consumed in the 6 state, about forty per cent is used for transportation purposes, 7 compared with eight per cent for residential uses, ten per cent 8 9 for commercial uses, twenty-five per cent for generating electric power, and sixteen per cent for industrial uses. 10

11 The legislature finds, therefore, that it is essential for 12 the State to aggressively promote and develop alternatives to 13 fossil fuel modes of transportation. Alternative fuel and 14 electric vehicles are a viable solution. Electrification of 15 transportation creates jobs, fosters economic growth, reduces 16 greenhouse gas emissions, and stems the effects of climate 17 change in Hawaii.



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1 The legislature also finds that developing an electric vehicle infrastructure is a first and essential step toward the 2 3 transformation of transportation in Hawaii. With developing 4 technology, along with a push by national and international 5 automakers to expedite the production and supply of electric 6 vehicles, Hawaii must be ready to embrace a new generation of 7 highway transportation. 8 The purpose of this Act is to provide sufficient tools to 9 develop an infrastructure for electric vehicles in Hawaii. 10 Accordingly, this Act requires government agencies to lead the 11 way in the electrification of transportation in the state, providing an aggressive but realistic timetable to replace 12 fossil fuel vehicles with electric and alternative fuel 13 14 vehicles. 15 PART T 16 PLANNING AND POLICY PRIORITIES SECTION 2. Section 226-10, Hawaii Revised Statutes, is 17 18 amended by amending subsection (b) to read as follows: 19 "(b) To achieve the potential growth activity objective, it shall be the policy of this State to: 20 21 (1)Facilitate investment and employment in economic 22 activities that have the potential for growth such as SB1202 HD2 HMS 2009-3734

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1		diversified agriculture, aquaculture, apparel and
2		textile manufacturing, film and television production,
3		and energy and marine-related industries $[-]$ ;
4	(2)	Expand Hawaii's capacity to attract and service
5		international programs and activities that generate
6		employment for Hawaii's people[-];
7	(3)	Enhance and promote Hawaii's role as a center for
8		international relations, trade, finance, services,
9		technology, education, culture, and the arts $[-,]$
10	(4)	Accelerate research and development of new energy-
11		related industries based on wind, solar, ocean, and
12		underground resources and solid waste $[-]$ ;
13	(5)	Promote Hawaii's geographic, environmental, social,
14		and technological advantages to attract new economic
15		activities into the [ <del>State.</del> ] <u>state;</u>
16	(6)	Provide public incentives and encourage private
17		initiative to attract new industries that best support
18		Hawaii's social, economic, physical, and environmental
19		objectives[-]:
20	(7)	Increase research and the development of ocean-related
21		economic activities such as mining, food production,
22		and scientific research $[-]$ ;



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1	(8)	Develop, promote, and support research and educational
2		and training programs that will enhance Hawaii's
3		ability to attract and develop economic activities of
4		benefit to Hawaii[ <del>.</del> ] <u>;</u>
5	(9)	Foster a broader public recognition and understanding
6		of the potential benefits of new, growth-oriented
7		industry in Hawaii[ <del>.</del> ] <u>;</u>
8	(10)	Encourage the development and implementation of joint
9		federal and state initiatives to attract federal
10		programs and projects that will support Hawaii's
11		social, economic, physical, and environmental
12		objectives[-];
13	(11)	Increase research and development of businesses and
14		services in the telecommunications and information
15		industries[-]; and
16	(12)	Foster the research and development of nonfossil fuel
17		and energy efficient modes of transportation."
18	SECT	ION 3. Section 226-18, Hawaii Revised Statutes, is
19	amended t	o read as follows:
20	"§22	6-18 Objectives and policies for facility systems
21	energy.	(a) Planning for the State's facility systems with

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1	regard to	energy shall be directed toward the achievement of the
2	following	objectives, giving due consideration to all:
3	(1)	Dependable, efficient, and economical statewide energy
4		systems capable of supporting the needs of the people;
5	(2)	Increased energy self-sufficiency where the ratio of
6		indigenous to imported energy use is increased;
7	(3)	Greater energy security and diversification in the
8		face of threats to Hawaii's energy supplies and
9		systems; and
10	(4)	Reduction, avoidance, or sequestration of greenhouse
11		gas emissions from energy supply and use.
12	(b)	To achieve the energy objectives, it shall be the
13	policy of	this State to ensure the short- and long-term
14	provision	of adequate, reasonably priced, and dependable energy
15	services t	to accommodate demand.
16	(C)	To further achieve the energy objectives, it shall be
17	the policy	y of this State to:
18	(1)	Support research and development as well as promote
19		the use of renewable energy sources;
20	(2)	Ensure that the combination of energy supplies and
21		energy-saving systems is sufficient to support the
22		demands of growth;



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1	(3)	Base decisions of least-cost supply-side and demand-
2		side energy resource options on a comparison of their
3		total costs and benefits when a least-cost is
4		determined by a reasonably comprehensive,
5		quantitative, and qualitative accounting of their
6		long-term, direct and indirect economic,
7		environmental, social, cultural, and public health
8		costs and benefits;
9	(4)	Promote all cost-effective conservation of power and
10		fuel supplies through measures, including:
11		(A) Development of cost-effective demand-side
12		management programs;
13		(B) Education; and
14		(C) Adoption of energy-efficient practices and
15		technologies;
16	(5)	Ensure, to the extent that new supply-side resources
17		are needed, that the development or expansion of
18		energy systems uses the least-cost energy supply
19		option and maximizes efficient technologies;
20	(6)	Support research, development, [and] demonstration,
21		and use of energy efficiency, load management, and



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1		other demand-side management programs, practices, and
2		technologies;
3	(7)	Promote alternate fuels and transportation energy
4		efficiency [ <del>by encouraging diversification of</del>
5		transportation modes and infrastructure];
6	(8)	Support actions that reduce, avoid, or sequester
7		greenhouse gases in utility, transportation, and
8		industrial sector applications;
9	(9)	Support actions that reduce, avoid, or sequester
10		Hawaii's greenhouse gas emissions through agriculture
11		and forestry initiatives; and
12	(10)	Provide priority handling and processing for all state
13		and county permits required for renewable energy
14		projects."
15		PART II
16		BUSINESS INCENTIVES AND REQUIREMENTS
17	SECT	ION 4. Chapter 291, Hawaii Revised Statutes, is
18	amended b	y adding two new sections to be appropriately
19	designate	d and to read as follows:
20	" <u>§</u> 29	1-A Designation of parking spaces for electric
21	vehicles;	charging units. All public, private, and government
22	parking f	acilities that have at least fifty parking spaces





1	available for use by the general public shall designate parking			
2	spaces exclusively for electric vehicles according to the			
3	following schedule:			
4	(1) Two per cent of parking spaces by December 31, 2011;			
5	(2) Four per cent of parking spaces by December 31, 2012;			
6	(3) Six per cent of parking spaces by December 31, 2013;			
7	(4) Eight per cent of parking spaces by December 31, 2014;			
8	and			
9	(5) Ten per cent of parking spaces by December 31, 2015.			
10	Parking spaces for electric vehicles shall be located near the			
11	building entrance and be equipped with an electric vehicle			
12	charging unit. Spaces shall be designated, clearly marked, and			
13	their designation enforced. Owners of multiple parking lots			
14	within the state and to which this section applies, may			
15	designate and electrify fewer parking spaces than required in			
16	one or more of the lots as long as the scheduled requirement is			
17	met for the total number of public parking spaces on all of the			
18	owner's lots to which this section applies.			
19	For the purposes of this section, "electric vehicle" means			
20	an electric vehicle or neighborhood electric vehicle with an			

21 electric vehicle license plate.



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1	<u>§291-B</u> Parking spaces reserved for electric vehicles;			
2	penalties. (a) Beginning January 1, 2011, any person who parks			
3	a non-electric vehicle in a space designated and marked as			
4	reserved for electric vehicles shall receive a warning.			
5	(b) Beginning July 1, 2011, any person who parks a non-			
6	electric vehicle in a space designated and marked as reserved			
7	for electric vehicles shall be guilty of a traffic infraction			
8	under chapter 291D and shall be fined not less than \$50 nor more			
9	than \$100, and pay any costs incurred by the court related to			
10	assessing the fine.			
11	(c) Any citation issued under this section may be mailed			
12	to the violator pursuant to section 291C-165(b)."			
13	SECTION 5. Section 269-1, Hawaii Revised Statutes, is			
14	amended by amending the definition of "public utility" to read			
15	as follows:			
16	""Public utility":			
17	(1) Includes every person who may own, control, operate,			
18	or manage as owner, lessee, trustee, receiver, or			
19	otherwise, whether under a franchise, charter,			
20	license, articles of association, or otherwise, any			
21	plant or equipment, or any part thereof, directly or			
22	indirectly for public use, for the transportation of			
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1		pass	passengers or freight, or the conveyance or			
2		tran	transmission of telecommunications messages, or the			
3		furn	furnishing of facilities for the transmission of			
4		inte	lligence by electricity by land or water or air			
5		with	in the [ <del>State,</del> ] <u>state,</u> or between points within			
6		the	[State,] state, or for the production, conveyance,			
7		tran	smission, delivery, or furnishing of light, power,			
8		heat	, cold, water, gas, or oil, or for the storage or			
9		ware	housing of goods, or the disposal of sewage;			
10		prov	ided that the term shall include:			
11		(A)	Any person insofar as that person owns or			
12			operates a private sewer company or sewer			
13			facility; and			
14		(B)	Any telecommunications carrier or			
15			telecommunications common carrier;			
16	(2)	Shall not include:				
17		(A)	Any person insofar as that person owns or			
18			operates an aerial transportation enterprise;			
19		(B)	Persons owning or operating taxicabs, as defined			
20			in this section;			
21		(C)	Common carriers transporting only freight on the			
22			public highways, unless operating within			
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1		localities or along routes or between points that
2		the public utilities commission finds to be
3		inadequately serviced without regulation under
4		this chapter;
5	(D)	Persons engaged in the business of warehousing or
6		storage unless the commission finds that
7		regulation thereof is necessary in the public
8		interest;
9	(E)	The business of any carrier by water to the
10		extent that the carrier enters into private
11		contracts for towage, salvage, hauling, or
12		carriage between points within the [ <del>State</del> ] <u>state</u>
13		and the carriage is not pursuant to either an
14		established schedule or an undertaking to perform
15		carriage services on behalf of the public
16		generally;
17	(F)	The business of any carrier by water,
18		substantially engaged in interstate or foreign
19		commerce, transporting passengers on luxury
20		cruises between points within the [ <del>State</del> ] <u>state</u>
21		or on luxury round-trip cruises returning to the
22		point of departure;





	$\langle C \rangle$	Any newson the
1	(G)	Any person who:
2		(i) Controls, operates, or manages plants or
3		facilities for the production, transmission,
4		or furnishing of power primarily or entirely
5		from nonfossil fuel sources; and
6		(ii) Provides, sells, or transmits all of that
7		power, except such power as is used in its
8		own internal operations, directly to a
9		public utility for transmission to the
10		public;
11	(H)	A telecommunications provider only to the extent
12		determined by the commission pursuant to section
13		269-16.9;
14	(I)	Any person who controls, operates, or manages
15		plants or facilities developed pursuant to
16		chapter 167 for conveying, distributing, and
17		transmitting water for irrigation and such other
18		purposes that shall be held for public use and
19		purpose;
20	(J)	Any person who owns, controls, operates, or
21		manages plants or facilities for the reclamation
22		of wastewater; provided that:





2.5

1	(i)	The services of the facility shall be
2		provided pursuant to a service contract
3		between the person and a state or county
4		agency and at least ten per cent of the
5		wastewater processed is used directly by the
6		State or county which has entered into the
7		service contract;
8	(ii)	The primary function of the facility shall
9		be the processing of secondary treated
10		wastewater that has been produced by a
11		municipal wastewater treatment facility that
12		is owned by a state or county agency;
13	(iii)	The facility shall not make sales of water
14		to residential customers;
15	(iv)	The facility may distribute and sell
16		recycled or reclaimed water to entities not
17		covered by a state or county service
18		contract; provided that, in the absence of
19		regulatory oversight and direct competition,
20		the distribution and sale of recycled or
21		reclaimed water shall be voluntary and its
22		pricing fair and reasonable. For purposes



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1		of this subparagraph, "recycled water" and	
2		"reclaimed water" [mean] means treated	
3		wastewater that by design is intended or	
4		used for a beneficial purpose; and	
5		(v) The facility shall not be engaged, either	
6		directly or indirectly, in the processing of	
7		food wastes; [and]	
8	(K)	Any person who owns, controls, operates, or	
9		manages any seawater air conditioning district	
10		cooling project; provided that at least fifty per	
11		cent of the energy required for the seawater air	
12		conditioning district cooling system is provided	
13		by a renewable energy resource, such as cold,	
14		deep seawater [-]; and	
15	(L)	Any person who owns, controls, operates, or	
16		manages plants or facilities primarily used to	
17		charge or discharge a vehicle battery that	
18		provides power for vehicle propulsion.	
19	If the ap	plication of this chapter is ordered by the	
20	commission in	any case provided in paragraphs (2)(C), (2)(D),	
21	(2)(H), and (2)(I), the business of any public utility that		
22	presents evide	nce of bona fide operation on the date of the	
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1	commencement of the proceedings resulting in the order shall be
2	presumed to be necessary to public convenience and necessity,
3	but any certificate issued under this proviso shall nevertheless
4	be subject to such terms and conditions as the commission may
5	prescribe, as provided in sections 269-16.9 and 269-20."
6	PART III
7	GOVERNMENT AGENCY REQUIREMENTS
8	SECTION 6. Section 103D-412, Hawaii Revised Statutes, is
9	amended to read as follows:
10	"§103D-412 [Energy-efficient vehicles.] Light-duty motor
11	<b>vehicle requirements.</b> (a) The procurement policy for all
12	agencies purchasing or leasing <u>light-duty</u> motor vehicles shall
13	be to [obtain energy-efficient vehicles. All covered fleets are
14	directed to procure increasing percentages of energy-efficient
15	vehicles as part of their annual vehicle acquisition plans,
16	which shall be as follows:
17	(1) In the fiscal year beginning July 1, 2006, at least
18	twenty per cent of newly purchased light-duty vehicles
19	acquired by each covered fleet shall be energy-
20	efficient vehicles;
21	(2) In the fiscal year beginning July 1, 2007, at least
22	thirty per cent of newly purchased light-duty vehicles



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1		acquired by each covered fleet shall be energy-
2		efficient vehicles;
3	<del>(3)</del>	In the fiscal year beginning July 1, 2008, at least
4		forty per cent of newly purchased light-duty vehicles
5		acquired by each covered fleet shall be energy-
6	9	efficient vehicles; and
7	-(-4-)-	For each subsequent fiscal year, the percentage of
8		energy-efficient vehicles newly purchased shall be
9		five percentage points higher than the previous year,
10		until at least seventy-five per cent of each covered
11		fleet's newly purchased, light-duty vehicles are
12		energy-efficient vehicles.]
13	reduce de	pendence on petroleum for transportation energy.
14	(b)	Beginning January 1, 2010, all state and county
15	entities,	when purchasing new vehicles, shall seek vehicles with
16	reduced d	ependence on petroleum-based fuels that meet the needs
17	of the ag	ency. Priority for selecting vehicles shall be as
18	follows:	
19	(1)	Electric or plug-in hybrid electric vehicles;
20	(2)	Hydrogen or fuel cell vehicles;
21	(3)	Other alternative fuel vehicles;
22	(4)	Hybrid electric vehicles; and



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1	(5) Vehicles that are identified by the United States
2	Environmental Protection Agency in its annual "Fuel
3	Economy Leaders" report as being among the top
4	performers for fuel economy in their class.
5	[ <del>(b)</del> ] <u>(c)</u> For the purposes of this section:
6	"Agency" means a state agency, office, or department.
7	"Alternative fuel" [has the same meaning as contained in 10
8	Code of Federal Regulations Part 490.] means alcohol fuels,
9	mixtures containing eighty-five per cent or more by volume of
10	alcohols with gasoline or other fuels, natural gas, liquefied
11	petroleum gas, hydrogen, biodiesel, mixtures containing twenty
12	per cent or more by volume of biodiesel with diesel or other
13	fuels, other fuels derived from biological materials, and
14	electricity provided by off-board energy sources.
15	"Covered fleet" has the same meaning as contained in 10
16	Code of Federal Regulations Part 490 Subpart C.
17	["Energy-efficient vehicle" means a vehicle that:
18	(1) Is capable of using an alternative fuel;
19	(2) Is powered primarily through the use of an electric
20	battery or battery pack that stores energy produced by
21	an electric motor through regenerative braking to
22	assist in vehicle operation;



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1	<del>(3)</del>	Is propelled by power derived from one or more cells
2		converting chemical energy directly into electricity
3		by combining oxygen with hydrogen fuel that is stored
4		on board the vehicle in any form;
5	-(-4-)-	Draws propulsion energy from onboard sources of stored
6		energy generated from an internal combustion or heat
7		engine using combustible fuel and a rechargeable
8		energy storage system; or
9	<del>(5)</del>	Is on the list of "Most Energy Efficient Vehicles" in
10		its class or is in the top one-fifth of the most
11		energy-efficient vehicles in its class available in
12		Hawaii as shown by vehicle fuel efficiency lists,
13		rankings, or reports maintained by the United States
14		Environmental Protection Agency.]
15	"Exc	luded vehicles" has the same meaning as provided in 10
16	Code of F	ederal Regulations Section 490.3.
17	"Lig	ht-duty motor vehicle" has the same meaning as
18	contained	in 10 Code of Federal Regulations Part 490[-], not
19	including	any vehicle incapable of traveling on highways or any
20	vehicle w	ith a gross vehicle weight rating greater than eight
21	thousand	five hundred pounds.



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1	[ <del>(c) Agencies may offset energy-efficient vehicle purchase</del>
2	requirements by successfully demonstrating percentage
3	improvements in overall light-duty vehicle fleet mileage
4	economy. The offsets shall be measured against the fleet
5	average miles per gallon of petroleum-based gasoline and diesel
6	fuel, using the fiscal year beginning July 1, 2006, as a
7	baseline, on a percentage-by-percentage basis.
8	(d) Agencies that use biodiesel fuel may offset the
9	vehicle purchase requirements of this section at the rate of one
10	vehicle for each four hundred fifty gallons of neat biodiesel
11	fuel used. Neat biodiesel fuel is one hundred per cent
12	biodiesel (B100) by volume.
13	(e)] $(d)$ Agencies may apply to the chief procurement
14	officer for exemptions from the requirements of this section to
15	the extent that the vehicles required by this section are not
16	available or do not meet the specific needs of the agency[ $ au$ ] $\underline{\cdot}$
17	provided that life cycle vehicle and fuel costs may be included
18	in the determination of whether a particular vehicle meets the
19	needs of the agency. Estimates of future fuel costs shall be
20	based on projections from the United States Energy Information
21	Administration.



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[<del>(f)</del>] <u>(e)</u> Vehicles acquired from another state agency and
 excluded vehicles are exempt from the requirements of this
 section.

[(g)] (f) Nothing in this section is intended to interfere
with [an agency's] the ability of a covered fleet to comply with
[federally-imposed] the vehicle purchase mandates [such as
those] required by 10 Code of Federal Regulations Part 490
Subpart C."

9 SECTION 7. Section 286-172, Hawaii Revised Statutes, is
10 amended by amending subsection (a) to read as follows:

11 "(a) Subject to authorization granted by the chief justice 12 with respect to the traffic records of the violations bureaus of 13 the district courts and of the circuit courts, the director of 14 transportation shall furnish information contained in the 15 statewide traffic records system in response to:

16 (1) Any request from a state, a political subdivision of a
17 state, or a federal department or agency, or any other
18 authorized person pursuant to rules adopted by the
19 director of transportation under chapter 91;
20 (2) Any request from a person having a legitimate reason,
21 as determined by the director, as provided under the

rules adopted by the director under paragraph (1), to



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1		obtain the information for verification of vehicle
2		ownership, traffic safety programs, or for research or
3		statistical reports; [ <del>or</del> ]
4	(3)	Any request from a person required or authorized by
5		law to give written notice by mail to owners of
6		vehicles[+]; or
7	(4)	Any request from the energy resources coordinator to
8		track the number and type of vehicles in use and the
9		effectiveness of efforts to increase the efficiency
10		and diversify the fuel needs of Hawaii's
11		transportation sector."
12		PART IV
13	T	RANSPORTATION ENERGY TRANSFORMATION GRANT FUND PROGRAM
14		
	SECI	ION 8. Chapter 201, Hawaii Revised Statutes, is
15		y adding a new section to be appropriately designated
15 16	amended b	
	amended b and to re	by adding a new section to be appropriately designated
16	amended b and to re " <u>§20</u>	by adding a new section to be appropriately designated as follows:
16 17	amended b and to re " <u>§20</u> electric	by adding a new section to be appropriately designated and as follows: 01- <u>Transportation energy transformation grant fund;</u>
16 17 18	amended k and to re " <u>§20</u> <u>electric</u> <u>treasury</u>	by adding a new section to be appropriately designated and as follows: <u>01- Transportation energy transformation grant fund;</u> <u>vehicles</u> . (a) There is established within the state
16 17 18 19	amended k and to re " <u>§20</u> <u>electric</u> <u>treasury</u>	by adding a new section to be appropriately designated and as follows: O1- Transportation energy transformation grant fund; vehicles. (a) There is established within the state the transportation energy transformation grant fund, to estered and expended by the department, into which shall





1		(2)	Gifts, grants, and other public and private funds;
2		(3)	Any federal funds; and
3		(4)	All interest and revenue of receipts derived from the
4			fund.
5		<u>(b)</u>	The moneys in the fund shall be used by the department
6	to:		
7		(1)	Provide grants for the acquisition of electric
8			vehicles;
9		(2)	Provide grants for the installation of electric
10			vehicle charging infrastructure that is in compliance
11			with all state laws and capable of being intelligently
12			integrated with the electrical grid;
13		(3)	Provide grants for innovative programs that diversify
14			transportation energy sources or that help coordinate
15			activities that will help to diversify transportation
16			energy sources in the state;
17		(4)	Establish and fill two temporary positions to carry
18			out the purposes of this part; and
19		(5)	Pay for any administrative, operational, training, and
20			marketing costs associated with the transportation
21			energy transformation grant program.





1	(C)	Applications for grants shall be made to the
2	departmen	t and shall be for any or all of the following:
3	(1)	The acquisition of one or more new electric vehicles
4		licensed and intended for use on Hawaii's highways;
5		provided that the electric vehicles are:
6		(A) Intended to be charged primarily by renewable
7		energy sources; or
8		(B) Able to be integrated intelligently with the
9		electrical grid;
10	(2)	Electric vehicle charging infrastructure; and
11	(3)	Innovative programs that diversify transportation
12		energy sources or that help coordinate activities that
13		will help to diversify transportation energy sources
14		in the state.
15	(d)	A grant may be made to an applicant only if the
16	applicant	has:
17	(1)	Met the specifications and requirements established by
18		the director for the grant program;
19	(2)	Filed a completed application form, as prescribed by
20		the director, together with all supporting
21		documentation required by the director;



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1	(3)	Completed the purchase or lease, licensing, and
2		registration of one or more vehicles, prior to
3		applying for one or more electric vehicle grants;
4	(4)	Provided any other information deemed necessary by the
5		director; and
6	(5)	Met any additional requirements of the grant program
7		as determined by the director.
8	(e)	Disbursements from the transportation energy
9	transform	ation grant fund shall not be subject to chapter 42F.
10	(f)	The director shall include information on the
11	transport	ation energy transformation grant fund, and statistical
12	informati	on on program participation, in the department's annual
13	report to	the governor and the legislature.
14	(g)	The director may adopt rules pursuant to chapter 91 to
15	govern al	l aspects of the transportation energy transformation
16	grant fun	d program.
17	<u>(h)</u>	As used in this section:
18	"Dir	ector" means the director of business, economic
19	developme	nt, and tourism.
20	"Ele	ctric vehicle" has the same meaning as contained in
21	Section 3	OD of the Internal Revenue Code for "new qualified
22	plug-in e	lectric drive motor vehicle."
	Contraction of the second second second	2 HMS 2009-3734

# S.B. NO. $B_{\text{S.D. 2}}^{1202}$

1	"Electric vehicle charging infrastructure" means
2	structures, machinery, and equipment necessary to support an
3	electric vehicle, including battery charging stations and
4	battery exchange stations.
5	"Integrated intelligently with the electrical grid" means
6	that the demand of the electric vehicle for electricity from the
7	grid is controlled to enable reduction of the vehicle's
8	electrical demand on the grid during peak demand times and to
9	enable maximum use of renewable energy sources, baseload energy
10	sources, or renewable energy potentially available off peak that
11	would otherwise be curtailed."
12	SECTION 9. There is appropriated out of available and
13	appropriated federal funds the sum of \$ or so much
14	thereof as may be necessary for fiscal year 2009-2010 and the
15	same sum or so much thereof as may be necessary for fiscal year
16	2010-2011 to be deposited into the transportation energy
17	transformation grant fund; provided that this section shall only
18	take effect upon a determination by the department of business,
19	economic development, and tourism that federal funds that may be
20	appropriately expended for the purposes of this part are
21	available.



## S.B. NO. <sup>1202</sup> S.D. 2 H.D. 2

1	SECTION 10. There is appropriated out of the
2	transportation energy transformation grant fund the sum of $\$$
3	or so much thereof as may be necessary for fiscal year 2009-2010
4	and the same sum or so much thereof as may be necessary for
5	fiscal year 2010-2011 for the purposes of this part; provided
6	that this section shall only take effect upon a determination by
7	the department of business, economic development, and tourism
8	that federal funds that may be appropriately expended for the
9	purposes of this part are available.
10	The sums appropriated shall be expended by the department
11	of business, economic development, and tourism for the purposes
12	of this part.
13	SECTION 11. There are established within the department of
14	business, economic development, and tourism two full-time,
15	temporary positions, exempt from chapters 76 and 89, to carry
16	out the purposes of this part.
17	PART V
18	BATTERY AND CHARGING OUTLET PLAN
19	SECTION 12. (a) No later than , the
20	department of transportation, in consultation with the
21	department of accounting and general services and the department
22	of business, economic development, and tourism, shall coordinate
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#### S.B. NO. <sup>1202</sup> S.D. 2 H.D. 2

1 with county governments, energy industry experts, transportation specialists, and business, labor, and community leaders to 2 3 develop and implement a plan to expedite state and county permitting and installation of battery exchange stations and 4 electric vehicle charging outlets in homes, businesses, public 5 parking lots, and other buildings and facilities throughout the 6 7 state. 8 (b) The department of transportation shall submit a report 9 on its findings and recommendations, including any proposed 10 legislation, to the legislature no later than twenty days prior 11 to the convening of the regular session of 12 PART VI 13 MISCELLANEOUS SECTION 13. In codifying the new sections added by section 14 15 4 of this Act, the revisor of statutes shall substitute 16 appropriate section numbers for the letters used in designating 17 the new sections in this Act. 18 SECTION 14. Statutory material to be repealed is bracketed 19 and stricken. New statutory material is underscored. SECTION 15. This Act shall take effect on July 1, 2020; 20 21 provided that section 8 shall be repealed on June 30, 2013.



#### Report Title:

Transportation; Energy Efficient Vehicles

#### Description:

Establishes the development of non-fossil fuel transportation as a state policy goal. Requires the designation of parking spaces for electric vehicles and provides penalties for parking a nonelectric vehicle in reserved spaces. Requires state and county agencies to follow a priority list when purchasing energyefficient vehicles, including electric vehicles. Includes requirements for developing an electric vehicle infrastructure. Establishes the Transportation Energy Transformation Grant Fund Program. Effective July 1, 2020. (SB1202 HD2)

