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## 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 more than 90 per  
2 cent of Hawaii's energy comes from imported oil, and more than  
3 60 per cent of oil is consumed for transportation purposes,  
4 including air transportation. However, due to the pressing need  
5 to reduce air pollution, improve energy efficiency in  
6 transportation, and reduce the State's dependence on fossil  
7 fuels, significant steps must be taken to employ transportation  
8 alternatives. Therefore, the legislature finds that it is in  
9 the best interest of the State to encourage the use of electric-  
10 powered motor vehicles within the state. Increased usage of  
11 electric-powered motor vehicles would address such concerns.

12           In 2007, the legislature passed a bill requiring the  
13 reduction of greenhouse gas emissions in the state, by January  
14 1, 2020, to levels at or below emissions for 1990 (Act 234,  
15 Session Laws of Hawaii 2007). Establishing a policy to require  
16 increased usage of electric-powered motor vehicles would push us  
17 further on the path to achieving this goal.



1           In the same year the greenhouse gas emissions policy was  
2 passed, the legislature also required the Hawaii Energy Policy  
3 Forum (Forum) to conduct a study on energy-efficient  
4 transportation strategies in conjunction with the department of  
5 business, economic development, and tourism (Act 254, Session  
6 Laws of Hawaii 2007). The study found that the increase in  
7 demand for transportation fuels over the past 20 years can be  
8 attributed to growth in the number of vehicles and the  
9 population. Other information included in the study support,  
10 and should be considered in, the establishment of a policy  
11 requiring the increased usage of electric-powered motor  
12 vehicles. Moreover, the Forum's experience in putting together  
13 the study, combined with its base knowledge and expertise, make  
14 the Forum an appropriate entity to develop a regulatory scheme  
15 to implement the policy.

16           Thus, the purpose of this Act is to:

- 17           (1) Require 25 per cent of all consumer motor vehicles to  
18           be electric-powered by January 1, 2020; and  
19           (2) Require the Hawaii Energy Policy Forum to develop a  
20           regulatory scheme to implement this policy.



1           SECTION 2. **Declaration of policy.** By January 1, 2020, 25  
2 per cent of all consumer motor vehicles in the state shall be  
3 electric-powered.

4           SECTION 3. **Regulatory scheme.** (a) Before 2012, the  
5 Hawaii energy policy forum shall develop a regulatory scheme to  
6 implement the policy in section 2 of this Act requiring that 25  
7 per cent of all consumer motor vehicles be electric-powered by  
8 January 1, 2020.

9           (b) All state and county agencies, including the  
10 department of transportation, department of business, economic  
11 development, and tourism, department of health, and department  
12 of the attorney general, shall assist the Hawaii energy policy  
13 forum, upon its request, to develop the regulatory scheme.

14           SECTION 4. **Report.** The Hawaii energy policy forum shall  
15 submit to the legislature:

16           (1) At least 20 days prior to the convening of the regular  
17 session of 2011, a preliminary report of its progress  
18 in developing the regulatory scheme; and

19           (2) At least 20 days prior to the convening of the regular  
20 session of 2012, a final report, including the  
21 proposed regulatory scheme and necessary legislation.



1 SECTION 5. There is appropriated out of the general  
 2 revenues of the State of Hawaii the sum of \$ or so much  
 3 thereof as may be necessary for fiscal year 2009-2010 for the  
 4 Hawaii energy policy forum to develop a regulatory scheme to  
 5 implement the policy requiring that 25 per cent of all consumer  
 6 motor vehicles be electric-powered by January 1, 2020.

7 The sum appropriated shall be expended by the University of  
 8 Hawaii social science public policy center for the purposes of  
 9 this Act.

10 SECTION 6. This Act shall take effect on July 1, 2009.

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**Report Title:**

Electric-Powered Motor Vehicles

**Description:**

Requires 25 per cent of all consumer motor vehicles to be electric-powered by January 1, 2020. Requires the Hawaii Energy Policy Forum to develop a regulatory scheme to implement this policy.

