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# A BILL FOR AN ACT

RELATING TO GREENHOUSE GAS EMISSIONS.

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

1           SECTION 1. The legislature finds that global warming poses  
2 a serious threat to the economic well-being, public health,  
3 natural resources, and natural environment of Hawaii. The  
4 potential adverse impacts of global warming include the  
5 exacerbation of air quality problems, a rise in sea levels  
6 resulting in the displacement of businesses and residences and  
7 the inundation of Hawaii's freshwater aquifers, damage to marine  
8 ecosystems and the natural environment, extended drought and  
9 loss of soil moisture, an increase in the incidence of  
10 infectious diseases, and an increase in the severity of storms  
11 and extreme weather events.

12           On February 2, 2007, the United Nations Intergovernmental  
13 Panel on Climate Change released their fourth assessment of the  
14 predicted impacts of global climate change. The panel predicted  
15 temperature rises of up to 11.5 degrees Fahrenheit by 2100, and  
16 a sea level rise of up to twenty-three inches, with an



1 additional 7.8 inches possible if current melting of the  
2 Greenland and Antarctica ice sheets continues.

3 Global warming will have detrimental effects on some of  
4 Hawaii's largest industries, including tourism, agriculture,  
5 recreational and commercial fishing, and forestry. Global  
6 warming will also increase the strain on electricity supplies  
7 necessary to meet the demand for air conditioning during the  
8 hottest times of the year.

9 The purpose of this Act is to update data on the effects of  
10 global warming in Hawaii, in order to develop appropriate state  
11 responses to reduce emissions of greenhouse gases.

12 SECTION 2. The department of health shall conduct a  
13 thorough greenhouse gas emissions inventory of Hawaii sources  
14 and shall update the past report prepared by the department of  
15 business, economic development, and tourism and the department  
16 of health entitled "Inventory of Hawaii Greenhouse Gas Emissions  
17 Estimates for 1990", dated July 1997.

18 The department of health shall submit the inventory and the  
19 updated report, as well as any additional information as deemed  
20 appropriate, to the legislature no later than twenty days prior  
21 to the regular sessions of 2008 and 2009.



1 SECTION 3. There is appropriated out of the environmental  
2 response revolving fund established in chapter 128D, Hawaii  
3 Revised Statutes, the sum of \$ , or so much thereof as  
4 may be necessary for fiscal year 2007-2008, and the same sum, or  
5 so much thereof as may be necessary for fiscal year 2008-2009,  
6 for carrying out the purposes of this Act, including the hiring  
7 of two positions to update the assessment.

8 The sums appropriated shall be expended by the department  
9 of health for the purposes of this Act.

10 SECTION 4. There is appropriated out of the general  
11 revenues of the State of Hawaii the sum of \$ , or so much  
12 thereof as may be necessary for fiscal year 2007-2008, for the  
13 Hawaii energy policy forum of the University of Hawaii at Manoa  
14 to convene stakeholders to develop a coherent plan with a  
15 timetable for implementation to reduce greenhouse emissions in  
16 Hawaii, using the principles embodied in S.B. No. 1612, SD1  
17 (2007); provided that the Hawaii energy policy forum shall  
18 report on findings and recommendations to the legislature not  
19 later than twenty days prior to the convening of the regular  
20 session of 2008.



1           The sum appropriated shall be expended by the Hawaii energy  
2 policy forum of the University of Hawaii at Manoa for the  
3 purposes of this Act.

4           SECTION 5. This Act shall take effect on July 1, 2020.



**Report Title:**

Environmental Quality; Greenhouse Gas Emissions

**Description:**

Requires the department of health to conduct a greenhouse gas emissions inventory of Hawaii sources and update the 1997 report prepared by the department of business, economic development, and tourism and the department of health entitled "Inventory of Hawaii Greenhouse Gas Emissions Estimates for 1990"; requires reports to the 2008 and 2009 legislature. Appropriates funds for two positions to update the assessment. Appropriates funds to the University of Hawaii at Manoa to develop plan to mitigate greenhouse emissions. (SD2)

