

Honolulu, Hawaii

MAR 28 2008

RE: S.C.R. No. 219

Honorable Colleen Hanabusa  
President of the Senate  
Twenty-Fourth State Legislature  
Regular Session of 2008  
State of Hawaii

Madam:

Your Committees on Energy and Environment and Intergovernmental and Military Affairs, to which was referred S.C.R. No. 219 entitled:

"SENATE CONCURRENT RESOLUTION REQUESTING THE LEGISLATIVE REFERENCE BUREAU TO EXAMINE THE EXISTING WASTE TO ENERGY PROGRAM ON OAHU AS IT RELATES TO THE COLLECTION OF A DEDICATED RECYCLING STREAM OF PLASTICS FOR CONVERSION TO ENERGY, "

beg leave to report as follows:

The purpose of this measure is to examine the feasibility of recycling plastic waste by converting it to energy.

Specifically, this measure requests the Legislative Reference Bureau with the cooperation of the Director of Environmental Services, the Recycling Coordinator of the City and County of Honolulu, and the Facility Manager of H-Power, to examine and report to the Legislature regarding the existing waste to energy program on Oahu as it relates to the collection of a dedicated recycling stream of plastics for conversion to energy.

Testimony in support of this measure was submitted by the Hawaii Food Industry Association, American Chemistry Council, and TSphere Energy. Comments were submitted by the Legislative Reference Bureau.

Your Committees find that Oahu already operates a waste to energy facility at H-Power in Campbell Industrial Park and it is estimated that the island of Oahu uses, in addition to other



plastic waste, 300,000,000 plastic bags annually. Therefore, an abundant amount of plastic waste is available to be separated, collected, and recycled for possible use as an energy supply in the State's existing facility.


Your Committees further find that plastics are made from petroleum derivatives and release high levels of energy when burned. Thus, the conversion of plastic waste into energy can create an abundant amount of energy for electricity, while reducing the cost of municipal waste disposal and conserving landfill space.

Your Committees have heard testimony that one ton of plastic could be converted to energy equal to approximately six barrels of oil. Therefore, if found environmentally and economically feasible, the recycling of plastic waste for use as an energy supply may lessen Hawaii's dependence on imported energy sources while making the State a leader in waste-to-energy recycling.

As affirmed by the records of votes of the members of your Committees on Energy and Environment and Intergovernmental and Military Affairs that are attached to this report, your Committees concur with the intent and purpose of S.C.R. No. 219 and recommend that it be referred to the Committee on Ways and Means.

Respectfully submitted on  
behalf of the members of the  
Committees on Energy and  
Environment and  
Intergovernmental and Military  
Affairs,

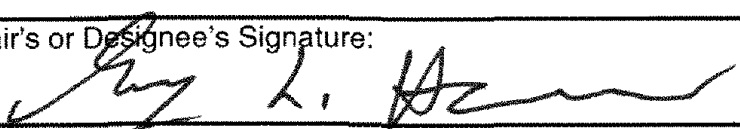
  
LORRAINE R. INOUE, Chair

  
RON MENOR, Chair



The Senate  
Twenty-Fourth Legislature  
State of Hawaii


Record of Votes  
Committee on Energy and Environment  
ENE

Bill / Resolution No.:* <b>SCR 219</b>	Committee Referral: <b>ENE/IGM, WAM</b>	Date: <b>3/24/08</b>		
<input type="checkbox"/> The committee is reconsidering its previous decision on this measure. If so, then the previous decision was to: _____				
The Recommendation is: <input checked="" type="checkbox"/> Pass, unamended 2312 <input type="checkbox"/> Pass, with amendments 2311 <input type="checkbox"/> Hold 2310 <input type="checkbox"/> Recommit 2313				
Members	Aye	Aye (WR)	Nay	Excused
MENOR, Ron (C)	✓			
HOOSER, Gary L. (VC)	✓			
IHARA, Jr., Les				✓
KOKUBUN, Russell S.				✓
TRIMBLE, Gordon	✓			
<b>TOTAL</b>	<b>3</b>			<b>2</b>
Recommendation: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted				
Chair's or Designee's Signature: 				
Distribution:             Original             Yellow             Pink File with Committee Report             Clerk's Office             Drafting Agency				

\*Only one measure per Record of Votes

The Senate  
 Twenty-Fourth Legislature  
 State of Hawaii

**Record of Votes**  
**Committee on Intergovernmental and Military Affairs**  
**IGM**

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Members	Aye	Aye (WR)	Nay	Excused
INOUE, Lorraine R. (C)	✓			
TSUTSUI, Shan S. (VC)	<del>✗</del>			✓
HEMMINGS, Fred	✓			
<b>TOTAL</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>
Recommendation: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted				
Chair's or Designee's Signature: 				
Distribution:	Original File with Committee Report	Yellow Clerk's Office	Pink Drafting Agency	

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