

Honolulu, Hawaii

MAR 24 2017

RE: H.B. No. 1579  
H.D. 1  
S.D. 1

Honorable Ronald D. Kouchi  
President of the Senate  
Twenty-Ninth State Legislature  
Regular Session of 2017  
State of Hawaii

Sir:

Your Committees on Economic Development, Tourism, and Technology and Transportation and Energy, to which was referred H.B. No. 1579, H.D. 1, entitled:

"A BILL FOR AN ACT RELATING TO ENERGY,"

beg leave to report as follows:

The purpose and intent of this measure is to promote the use of clean, renewable energy sources by authorizing the issuance of revenue bonds to the High Technology Development Corporation for the development and construction of an electrolysis hydrogen production, storage, and dispensing facility to be managed by the Hawaii Center for Advanced Transportation Technologies.

Your Committees received testimony in support of this measure from the Department of Transportation, SanHI Government Strategies, Blue Planet, and Hawaii Automobile Dealers Association. Your Committees received comments on this measure from the Department of the Attorney General and Department of Budget and Finance.

Your Committees find that hydrogen fuel cell electric vehicles are powered by a fuel cell that converts hydrogen gas and oxygen into electricity. These vehicles are zero emission vehicles and can help the State fulfill the goals of the Hawaii Clean Energy Initiative to reduce fossil fuel use in the State.



Your Committees find the electrolysis hydrogen production, storage, and dispensing facility will strengthen Hawaii's commitment to increasing the production of clean energy.

Your Committees note that H.B. No. 1508, H.D. 2, Regular Session of 2017, a measure relating to energy efficiency, establishes a demonstration project for building energy efficiency designs within the Department of Transportation and requires state buildings to incorporate certain energy efficient practices. Your Committees conclude that language from H.B. No. 1508, H.D. 2, should be added to this measure to further support and advance the Hawaii Clean Energy Initiative goals for the State.

Your Committees have amended this measure by:

- (1) Authorizing the High Technology Development Corporation to issue revenue bonds, rather than special facility revenue bonds;
- (2) Inserting the contents of H.B. No. 1508, H.D. 2, which:
  - (A) Establishes a building energy efficiency demonstration project until June 30, 2020, within the Department of Transportation to create a facility or building with net zero emissions, and appropriate funds out of the general revenues of the State to conduct the project;
  - (B) Requires that all state buildings built or renovated on or after July 1, 2020, incorporate certain energy efficient practices; and
  - (C) Inserts an effective date of July 1, 2050, to encourage further discussion; and
- (3) Making technical, nonsubstantive amendments for the purposes of clarity and consistency.

As affirmed by the records of votes of the members of your Committees on Economic Development, Tourism, and Technology and Transportation and Energy that are attached to this report, your Committees are in accord with the intent and purpose of H.B. No. 1579, H.D. 1, as amended herein, and recommend that it pass



Second Reading in the form attached hereto as H.B. No. 1579,  
H.D. 1, S.D. 1, and be referred to your Committee on Ways and  
Means.

Respectfully submitted on  
behalf of the members of the  
Committees on Economic  
Development, Tourism, and  
Technology and Transportation  
and Energy,

  
LORRAINE R. INOUE, Chair

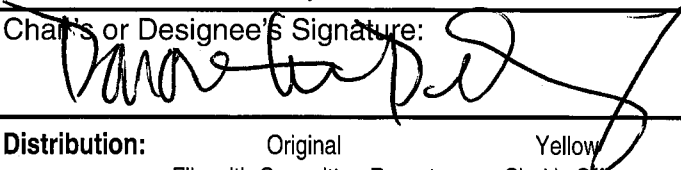
  
GLENN WAKAI, Chair





The Senate  
 Twenty-Ninth Legislature  
 State of Hawai'i

**Record of Votes**  
**Committee on Transportation and Energy**  
**TRE**

Bill / Resolution No.:* <b>HB 579, HD1</b>	Committee Referral: <b>ETT/TRE, WAM</b>	Date: <b>3/17/17</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 type="checkbox"/> Pass, unamended 2312 <input checked="" type="checkbox"/> Pass, with amendments 2311 <input type="checkbox"/> Hold 2310 <input type="checkbox"/> Recommit 2313				
Members	Aye	Aye (WR)	Nay	Excused
INOUYE, Lorraine R. (C)	/			
DELA CRUZ, Donovan M. (VC)	/			
ENGLISH, J. Kalani				/
HARIMOTO, Breene				/
SHIMABUKURO, Maile S.L.	/			
<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: 				
<b>Distribution:</b> Original             Yellow             Pink             Goldenrod File with Committee Report             Clerk's Office             Drafting Agency             Committee File Copy				

\*Only one measure per Record of Votes