

Honolulu, Hawaii

FEB 17 2009

RE: S.B. No. 241  
S.D. 1

Honorable Colleen Hanabusa  
President of the Senate  
Twenty-Fifth State Legislature  
Regular Session of 2009  
State of Hawaii

Madam:

Your Committees on Energy and Environment and Education and Housing, to which was referred S.B. No. 241 entitled:

"A BILL FOR AN ACT RELATING TO ENERGY,"

beg leave to report as follows:

The purpose of this measure is to promote energy conservation, reduce the State's dependence on foreign oil, and decrease the heat island effect by establishing specific performance standards mandating the use of cool roofs in all new residential and commercial construction in Hawaii.

Testimony in support of the measure was submitted by a private organization and an individual. Testimony in opposition was submitted by a state department and a private organization. Comments were submitted by two private organizations. Copies of written testimony are available for review on the Legislature's website.

Your Committees find that this measure would not only result in reducing the heat island effect, thus lowering the overall need for cooling in urban areas, but would also reduce cooling costs of individual homes or structures.

Your Committees have amended this measure by:

- (1) Adding an exemption to the cool roof requirement for a building with on-site photovoltaic systems that provide




power sufficient to cover the structure's daytime energy usage;

- (2) Adding a partial exemption to the cool roof requirement for portions of a roof that are or will be covered by a solar energy system;
- (3) Clarifying the definitions of "new construction" and "cool roof" to be consistent with the operative portions of the measure; and
- (4) Making technical corrections for typographical and grammatical errors and to make the measure consistent with the Hawaii Revised Statutes and other portions of the measure.

As affirmed by the records of votes of the members of your Committees on Energy and Environment and Education and Housing that are attached to this report, your Committees are in accord with the intent and purpose of S.B. No. 241, as amended herein, and recommend that it pass Second Reading in the form attached hereto as S.B. No. 241, S.D. 1, and be referred to the Committee on Transportation, International and Intergovernmental Affairs.

Respectfully submitted on  
behalf of the members of the  
Committees on Energy and  
Environment and Education and  
Housing,

  
NORMAN SAKAMOTO, Chair

  
MIKE GABBARD, Chair



The Senate  
Twenty-Fifth Legislature  
State of Hawaii

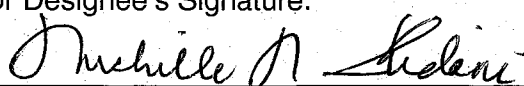
**Record of Votes**  
**Committee on Energy and Environment**  
**ENE**

Bill / Resolution No.:*	Committee Referral:	Date:		
<i>SB 241</i>	<i>ENE / EDH, TIA</i>	<i>6 2-8-09</i>		
<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
GABBARD, Mike (C)	✓			
ENGLISH, J. Kalani (VC)				✓
GREEN, M.D., Josh				✓
HOOSER, Gary L.				✓
IHARA, Jr., Les	✓			
KOKUBUN, Russell S.	✓			
HEMMINGS, Fred	✓			
<b>TOTAL</b>	<i>4</i>	<i>0</i>	<i>0</i>	<i>3</i>
Recommendation:				
<input checked="" type="checkbox"/> Adopted <span style="margin-left: 200px;"><input type="checkbox"/> Not Adopted</span>				
Chair's or Designee's Signature:				
<i>[Signature]</i>				
Distribution:				
Original	Yellow	Pink	Goldenrod	
File with Committee Report	Clerk's Office	Drafting Agency	Committee File Copy	

\*Only one measure per Record of Votes

The Senate  
Twenty-Fifth Legislature  
State of Hawaii

**Record of Votes**  
**Committee on Education and Housing**  
**EDH**

Bill / Resolution No.:* <b>SB 241</b>	Committee Referral: <b>ENE/EDH, TIA</b>	Date: <b>2-6-09</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
SAKAMOTO, Norman (C)	✓			
KIDANI, Michelle N. (VC)	✓			
CHUN OAKLAND, Suzanne	✓			
GALUTERIA, Brickwood	✓			
TSUTSUI, Shan S.				✓
HEMMINGS, Fred	✓			
<b>TOTAL</b>	<b>5</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: 				
<b>Distribution:</b> Original    Yellow    Pink    Goldenrod File with Committee Report    Clerk's Office    Drafting Agency    Committee File Copy				

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