

Honolulu, Hawaii

March 22, 2011

RE: S.B. No. 181
S.D. 1

Honorable Calvin K.Y. Say
Speaker, House of Representatives
Twenty-Sixth State Legislature
Regular Session of 2011
State of Hawaii

Sir:

Your Committees on Energy & Environmental Protection and
Housing and Water, Land, & Ocean Resources, to which was referred
S.B. No. 181, S.D. 1, entitled:

"A BILL FOR AN ACT RELATING TO PHOTOVOLTAIC-READY NEW
RESIDENTIAL HOMES,"

beg leave to report as follows:

The purpose of this bill is to encourage and facilitate the
use of solar renewable energy in Hawaii by requiring that new
single-family residential construction incorporates design
elements and equipment installation at the time of construction to
facilitate the future adoption of photovoltaic systems.

The Department of Business, Economic Development, and
Tourism; Blue Planet Foundation; Sierra Club-Hawaii Chapter;
Hawaii Solar Energy Association; and numerous concerned
individuals testified in support of this bill. The Chamber of
Commerce of Hawaii and a concerned individual opposed this
measure.

Hawaii is one of the most fossil fuel dependent states in the
nation and the continued consumption of conventional petroleum
fuel for our energy needs and the price volatility of fossil fuels
can negatively impact the environment and economic health of the
people of Hawaii. At the same time, Hawaii has among the most
abundant renewable energy resources in the world, particularly in
the form of solar energy.

SB181 SD1 HSCR EEP-HSG-WLO HMS 2011-3157

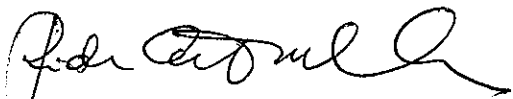


Increasing energy efficiency and use of renewable energy resources would increase Hawaii's energy self-sufficiency, achieving broad societal benefits, including increased energy security, resistance to increases in oil prices, environmental sustainability, economic development, and job creation.

One method of achieving this energy self-sufficiency would be to encourage and facilitate the use of solar renewable energy systems in Hawaii, particularly among single-family homeowners. However, the installation of photovoltaic systems on existing homes can be hindered by design features that were incorporated at the time of initial construction of the homes. This measure will facilitate widespread adoption of photovoltaic systems in the future and optimize future gains from solar technology adoption which will result in reduced energy demand on the grid, reduced greenhouse gas emissions, and reduced dependency on imported fossil fuels by requiring that new single-family residential construction incorporates design elements that would simplify the installation of photovoltaic energy generating systems.

As affirmed by the records of votes of the members of your Committees on Energy & Environmental Protection and Housing and Water, Land, & Ocean Resources that are attached to this report, your Committees are in accord with the intent and purpose of S.B. No. 181, S.D. 1, and recommend that it pass Second Reading and be referred to the Committee on Consumer Protection & Commerce.

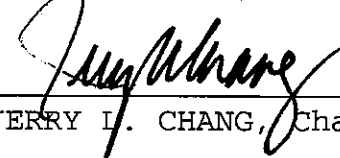
Respectfully submitted on
behalf of the members of the
Committees on Energy &
Environmental Protection and
Housing and Water, Land, &
Ocean Resources,



RIDA T.R. CABANILLA, Chair



DENNY COFFMAN, Acting Chair



JERRY I. CHANG, Chair



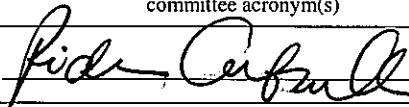
State of Hawaii
House of Representatives
The Twenty-sixth Legislature

HSCR 1043

Record of Votes of the Committee on Energy & Environmental Protection

Bill/Resolution No.: SB 181, SD1	Committee Referral: EEP/HSG/WLO, CPC	Date: 3/17/11		
<input type="checkbox"/> The committee is reconsidering its previous decision on the measure.				
The recommendation is to: <input checked="" type="checkbox"/> Pass, unamended (as is) <input type="checkbox"/> Pass, with amendments (HD) <input type="checkbox"/> Hold <input type="checkbox"/> Pass short form bill with HD to recommit for future public hearing (recommit)				
EEP Members	Ayes	Ayes (WR)	Nays	Excused
1. MORITA, Hermina M. (C)				
2. COFFMAN, Denny (VC)	✓			
3. CABANILLA, Rida T.R.	✓			
4. CARROLL, Mele				✓
5. CHANG, Jerry L.	✓			
6. CHONG, Pono				✓
7. HAR, Sharon E.				✓
8. HERKES, Robert N.				✓
9. ITO, Ken	✓			
10. NAKASHIMA, Mark M.	✓			
11. RIVIERE, Gil	✓			
12. THIELEN, Cynthia		✓		
TOTAL (12)	6	1		4
The recommendation is: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted If joint referral, _____ did not support recommendation. <div style="text-align: center; font-size: 10pt;">committee acronym(s)</div>				
Vice Chair's or designee's signature: <u></u>				
Distribution: Original (White) – Committee Duplicate (Yellow) – Chief Clerk's Office Duplicate (Pink) – HMSO				

Record of Votes of the Committee on Housing

Bill/Resolution No.:	Committee Referral:	Date:		
SB 181 SD 1	EEPI HSG/WLD, CPC	3-17-11		
<input type="checkbox"/> The committee is reconsidering its previous decision on the measure.				
The recommendation is to: <input checked="" type="checkbox"/> Pass, unamended (as is) <input type="checkbox"/> Pass, with amendments (HD) <input type="checkbox"/> Hold <input type="checkbox"/> Pass short form bill with HD to recommit for future public hearing (recommit)				
HSG Members	Ayes	Ayes (WR)	Nays	Excused
1. CABANILLA, Rida T.R. (C)	✓			
2. CHONG, Pono (VC)				✓
3. CARROLL, Mele				✓
4. CHANG, Jerry L.	✓			
5. COFFMAN, Denny	✓			
6. HAR, Sharon E.				✓
7. HERKES, Robert N.				✓
8. ITO, Ken	✓			
9. MORITA, Hermina M.				
10. NAKASHIMA, Mark M.	✓			
11. PINE, Kymberly Marcos				✓
12. THIELEN, Cynthia		✓		
TOTAL (12)	5	1		5
The recommendation is: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted If joint referral, _____ did not support recommendation. committee acronym(s)				
Vice Chair's or designee's signature: 				
Distribution: Original (White) – Committee Duplicate (Yellow) – Chief Clerk's Office Duplicate (Pink) – HMSO				

State of Hawaii
House of Representatives
The Twenty-sixth Legislature

HSCR 1043

Record of Votes of the Committee on Water, Land, & Ocean Resources

Bill/Resolution No.: SB 181, SD1	Committee Referral: EEP/HSG/WLO, CRC	Date: 3/7/11		
<input type="checkbox"/> The committee is reconsidering its previous decision on the measure.				
The recommendation is to: <input checked="" type="checkbox"/> Pass, unamended (as is) <input type="checkbox"/> Pass, with amendments (HD) <input type="checkbox"/> Hold <input type="checkbox"/> Pass short form bill with HD to recommit for future public hearing (recommit)				
WLO Members	Ayes	Ayes (WR)	Nays	Excused
1. CHANG, Jerry L. (C)	✓			
2. HAR, Sharon E. (VC)				✓
3. CABANILLA, Rida T.R.	✓			
4. CARROLL, Mele				✓
5. CHONG, Pono				✓
6. COFFMAN, Denny	✓			
7. HERKES, Robert N.				✓
8. ITO, Ken	✓			
9. MORITA, Hermina M.				
10. NAKASHIMA, Mark M.	✓			✓
11. RIVIERE, Gil	✓			✓
12. THIELEN, Cynthia		✓		
TOTAL (12)	6	1		4
The recommendation is: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted If joint referral, _____ did not support recommendation. <small>committee acronym(s)</small>				
Vice Chair's or designee's signature: <i>Rida Cabanilla</i>				
Distribution: Original (White) – Committee Duplicate (Yellow) – Chief Clerk's Office Duplicate (Pink) – HMSO				

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