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Honolulu, Hawaii

### FEB 0 7 2025

RE: S.B. No. 587 S.D. 1

Honorable Ronald D. Kouchi President of the Senate Thirty-Third State Legislature Regular Session of 2025 State of Hawaii

#### Sir:

Your Committees on Energy and Intergovernmental Affairs and Commerce and Consumer Protection, to which was referred S.B. No. 587 entitled:

"A BILL FOR AN ACT RELATING TO RENEWABLE ENERGY,"

beg leave to report as follows:

The purpose and intent of this measure is to:

- (1) Require the Public Utilities Commission (PUC) to establish a streamlined grid-ready homes interconnection process;
- (2) Authorize the use of the Hawaii electricity reliability surcharge for cost recovery of certain expenses of the Hawaii Electricity Reliability Administrator associated with the grid-ready homes interconnection process; and
- (3) Require the Hawaii Electricity Reliability Administrator to report certain information regarding the grid-ready homes interconnection process to the PUC.

Your Committees received testimony in support of this measure from Tesla, Credence Projects LLC, Hawaii Solar Energy Association, Inter-Island Solar Supply, 350Hawaii, Sol-Ark, Alternate Energy Hawaii, Mālama Solar, Green Power Projects LLC, and five individuals.

Your Committees received testimony in opposition to this measure from Hawaiian Electric and Kaua'i Island Utility Cooperative.

Your Committees received comments on this measure from the Department of Commerce and Consumer Affairs and Public Utilities Commission.

Your Committees find that the adoption of distributed energy resources, including paired solar energy storage and other renewable energy generation and storage technologies, is critical for the State to achieve its clean energy goals. The establishment of a streamlined grid-ready home interconnection process will encourage widespread adoption of customer-sited clean electrification technologies that will provide residential energy cost savings, homeowner resilience, and grid reliability to ratepayers, while contributing to Hawaii's clean energy future. According to testimony received by your Committees, electric vehicle charging technologies can also provide backup power to homes and other additive grid benefits.

Accordingly, your Committees have amended this measure by:

- (1) Inserting language to require that the PUC's grid-ready home interconnection process include requirements for regulated electric utilities to update their interconnection rules by July 1, 2025, to allow for vehicle-to-grid capabilities that meet certain standards;
- (2) Deleting language that would have required the PUC's interconnection process to allow licensed electricians to isolate electrical service at utility meters for meter socket adapter installation;
- (3) Inserting an effective date of January 1, 2050, to encourage further discussion; and
- (4) 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 Energy and Intergovernmental Affairs and Commerce and Consumer Protection that are attached to this report, your Committees are in accord with the intent and purpose of S.B. No. 587, as amended herein, and recommend that it pass Second Reading in the form attached hereto as S.B. No. 587, S.D. 1, and be referred to your Committee on Ways and Means.

Respectfully submitted on behalf of the members of the Committees on Energy and Intergovernmental Affairs and Commerce and Consumer

Protection,

GLENN WAKAI.

JARKETT KLOHOKALOLE, Chair

### The Senate Thirty-Third Legislature State of Hawai'i

## Record of Votes Committee on Energy and Intergovernmental Affairs EIG

Bill / Resolution No.:*	Committee Referral: Date:							
SB587	EIG/C	EIG/CPN, WAM 1/29/25						
The Committee is reconsidering its previous decision on this measure.  If so, then the previous decision was to:								
The Recommendation is:								
Pass, unamended Pass, with amendments Hold Recommit 2312 2311 2310 2313								
Members		Aye	Aye (WR)	Nay	Excused			
WAKAI, Glenn (C)								
CHANG, Stanley (VC)								
DECOITE, Lynn		V						
RICHARDS, III, Herbert M. "	Tim"				<b>\</b>			
FEVELLA, Kurt				レ	, i			
TOTAL		3		11	1			
Recommendation:  Adopted  Not Adopted								
Chair's or Designee's Signature:								
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\*Only one Governor's Message per Record of Votes

### The Senate Thirty-Third Legislature State of Hawai'i

# Record of Votes Committee on Commerce and Consumer Protection CPN

Bill / Resolution No.:*	Committee Referral:			Date: 1/24/25				
2020 1	EIG/CPN, WAM 1/29/25							
The Committee is reconsidering its previous decision on this measure.								
If so, then the previous decision was to:								
The Recommendation is:								
Pass, unamended Pass, with amendments Hold Recommit 2312 2311 2310 2313								
Members		Aye	Aye (W	R) Na	ay Excused			
KEOHOKALOLE, Jarrett (C)		V						
FUKUNAGA, Carol (VC)	AGA, Carol (VC)							
MCKELVEY, Angus L.K.			V					
RICHARDS, III, Herbert M. "Ti	m"				<i>'</i>			
AWA, Brenton								
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TOTAL		13/	~2	- Ø	2			
Recommendation:  Adopted  Not Adopted								
Chair's or Designee's Signature:  Chair's or Designee's Signature:								
Distribution: Original Yellow Pink Goldenrod File with Committee Report Clerk's Office Drafting Agency Committee File Copy								

\*Only one measure per Record of Votes