

STAND. COM. REP. NO.

502

Honolulu, Hawaii

FEB 12 , 2025

RE: H.B. No. 242

H.D. 1

Honorable Nadine K. Nakamura
Speaker, House of Representatives
Thirty-Third State Legislature
Regular Session of 2025
State of Hawaii

Madame:

Your Committee on Energy & Environmental Protection, to which
was referred H.B. No. 242 entitled:

"A BILL FOR AN ACT RELATING TO ELECTRIC VEHICLE BATTERIES,"

begs leave to report as follows:

The purpose of this measure is to establish a working group
within the Hawaii State Energy Office to examine how to maximize
the recycling and reuse of electric vehicle batteries and
recommend electric vehicle battery management practices.

Your Committee received testimony in support of this measure
from the Department of Health; Hawaii State Energy Office; County
of Hawai'i Department of Environmental Management; Sierra Club of
Hawai'i; Hawaii Electric Vehicle Association; Climate Protectors
Hawai'i; Coalition Earth; Redwood Materials; Alliance for
Automotive Innovation; and four individuals. Your Committee
received comments on this measure from Radius Recycling.

Your Committee finds that electric vehicle usage in the State
has grown dramatically, with a twenty-three percent increase in
the number of registered electric vehicles from October 2023 to
October 2024. Your Committee further finds that as electric
vehicle usage increases, more electric vehicle batteries will
enter the waste stream, necessitating proper recycling and
disposal practices. This measure addresses this need by



establishing a working group to examine how to maximize the recycling and reuse of electric vehicle batteries and recommend electric vehicle battery management practices.

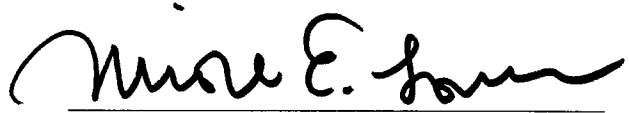
Your Committee has amended this measure by:

- (1) Adding a representative from the Hawaii Natural Energy Institute to the working group;
- (2) Clarifying that the working group will include a representative from the battery energy storage industry;
- (3) Adding a representative from a company specializing in the recycling of electric vehicle batteries to the individuals invited to serve as members of the working group;
- (4) Changing the deadline for the report to the Legislature to twenty days prior to the convening of the Regular Session of 2027;
- (5) Clarifying that the report to the Legislature shall include an analysis of the reuse of electric vehicle batteries as potential stationary energy storage systems;
- (6) Changing the effective date to July 1, 3000, to encourage further discussion; and
- (7) Making a technical, nonsubstantive amendment for the purposes of clarity, consistency, and style.

As affirmed by the record of votes of the members of your Committee on Energy & Environmental Protection that is attached to this report, your Committee is in accord with the intent and purpose of H.B. No. 242, as amended herein, and recommends that it pass Second Reading in the form attached hereto as H.B. No. 242, H.D. 1, and be referred to your Committee on Finance.



Respectfully submitted on
behalf of the members of the
Committee on Energy &
Environmental Protection,

A handwritten signature in black ink, appearing to read "Nicole E. Lowen". The signature is fluid and cursive, with a large initial "N" and a long, sweeping underline.

NICOLE E. LOWEN, Chair



HSCR 502

Bill/Resolution No.: HB 242		Committee Referral: EEP, FIN		Date: 2/6/25	
<input type="checkbox"/> The committee is reconsidering its previous decision on the measure.					
The recommendation is to: <input type="checkbox"/> Pass, unamended (as is) <input checked="" 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. LOWEN, Nicole E. (C)		✓			
2. PERRUSO, Amy A. (VC)		✓			
3. KAHALOA, Kirstin		✓			
4. KUSCH, Matthias		✓			
5. QUINLAN, Sean		✓			
6. WARD, Gene					✓
TOTAL (6)		5			1
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: <u>Amy Perruso</u>					
Distribution: Original (White) – Committee Duplicate (Yellow) – Chief Clerk's Office Duplicate (Pink) – HMSO					