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## A BILL FOR AN ACT

RELATING TO ELECTRIC VEHICLE BATTERIES.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1       SECTION 1. The legislature finds that electric vehicle  
2 sales in the State continues to grow, accounting for  
3 approximately fifteen per cent of all new car sales in 2024. As  
4 electric vehicle usage increases, more electric vehicle  
5 batteries will enter the waste stream. Proper recycling and  
6 disposal practices are needed to ensure that electric vehicle  
7 batteries do not contribute to environmental harm.

8       The purpose of this Act is to establish a working group to  
9 examine how to maximize the recycling and reuse of electric  
10 vehicle batteries and recommend electric vehicle battery  
11 management practices.

12       SECTION 2. (a) There is established within the Hawaii  
13 state energy office an electric vehicle battery recycling and  
14 reuse working group to examine how to maximize the recycling and  
15 reuse of electric vehicle batteries and recommend electric  
16 vehicle battery management practices.

17       (b) The working group shall:



- 1       (1)   Develop a plan for best management practices for the  
2           recycling, reuse, or repurposing of electric vehicle  
3           batteries;
- 4       (2)   Coordinate with any other organization, working group,  
5           or relevant entity within or outside of the State that  
6           has similar objectives as this working group, or is  
7           researching the recycling, reuse, or repurposing of  
8           electric vehicle batteries; and
- 9       (3)   Develop policy recommendations for the legislature to  
10          implement based on the working group's findings.
- 11      (c)   The working group shall consist of:
  - 12          (1)   The chief energy officer, or the chief energy  
13               officer's designee, who shall serve as the co-chair of  
14               the working group;
  - 15          (2)   The director of health, or the director's designee,  
16               who shall serve as the co-chair of the working group;  
17               and
  - 18          (3)   One representative from the department of  
19               environmental services of the city and county of  
20               Honolulu.



1 (d) The co-chairs of the working group shall invite the  
2 following individuals to serve as members of the working group:  
3 (1) Two representatives from the electric vehicle  
4 manufacturing industry;  
5 (2) One representative from the automotive repair  
6 industry;  
7 (3) One representative from the energy storage industry;  
8 (4) One representative from the electronic waste recycling  
9 industry;  
10 (5) One representative from an electric utility;  
11 (6) One representative from an organization that  
12 specializes in extended producer responsibility  
13 policy;  
14 (7) One representative from an environmental organization  
15 that specializes in waste reduction and recycling;  
16 (8) One representative from the automotive recycling  
17 industry; and  
18 (9) Others as invited by the co-chairs.  
19 (e) The working group shall submit a report of its  
20 findings and recommendations, including any proposed  
21 legislation, to the legislature no later than twenty days prior



1 to the convening of the regular session of 2026. The report  
2 shall include an analysis of:

- 3 (1) Opportunities for and barriers to the reuse of  
4 electric vehicle batteries as a first option, as  
5 potential energy storage systems as a second option,  
6 and for recycling as a third option, taking into  
7 account the additional costs of transporting electric  
8 vehicle batteries to be recycled out of State;
- 9 (2) Best practices for the management of electric vehicle  
10 batteries at end-of-life;
- 11 (3) The cost, safety, and environmental impacts of in-  
12 state versus out-of-state recycling options;
- 13 (4) The feasibility of pursuing any recycling options  
14 outside of the United States;
- 15 (5) The feasibility in terms of costs, available  
16 infrastructure, and enforcement of an electric vehicle  
17 battery recycling program; and
- 18 (6) The overall effect of different management practices  
19 on the environment.
- 20 (f) The working group shall be dissolved on June 30, 2026.
- 21 SECTION 3. This Act shall take effect upon its approval.



H.B. NO. 788

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INTRODUCED BY: Miss E. Linn

JAN 17 2025



# H.B. NO. 788

**Report Title:**

HSEO; Electric Vehicles; Batteries; Reuse; Recycling; Working Group; Report

**Description:**

Establishes a working group within the Hawaii State Energy Office to make recommendations for the reuse and recycling of electric vehicle batteries and requires a report to the Legislature.

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

