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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 usage in the State has grown dramatically, with a twenty-three  
3 per cent increase in the number of registered electric vehicles  
4 from October 2023 to October 2024. As electric vehicle usage  
5 increases, more electric vehicle batteries will enter the waste  
6 stream. Proper recycling and disposal practices are needed to  
7 ensure that electric vehicle batteries do not contribute to  
8 environmental harm.

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

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



1 (b) The working group shall:

2 (1) Develop a plan for best management practices for the  
3 recycling, reuse, or repurposing of electric vehicle  
4 batteries;

5 (2) Coordinate with any other organization, working group,  
6 or relevant entity within or outside of the State that  
7 has similar objectives as the working group, or is  
8 researching the recycling, reuse, or repurposing of  
9 electric vehicle batteries; and

10 (3) Develop policy recommendations for the legislature to  
11 implement based on the working group's findings.

12 (c) The working group shall consist of:

13 (1) The chief energy officer, or the chief energy  
14 officer's designee, who shall serve as the  
15 co-chairperson of the working group;

16 (2) The director of health, or the director's designee,  
17 who shall serve as the co-chairperson of the working  
18 group;

19 (3) One representative from the department of  
20 environmental services of the city and county of  
21 Honolulu; and



1 (4) One representative from the Hawaii natural energy  
2 institute.

3 (d) The co-chairpersons of the working group shall invite  
4 the following individuals to serve as members of the working  
5 group:

6 (1) Two representatives from the electric vehicle  
7 manufacturing industry;

8 (2) One representative from the automotive repair  
9 industry;

10 (3) One representative from the battery energy storage  
11 industry;

12 (4) One representative from the electronic waste recycling  
13 industry;

14 (5) One representative from an electric utility;

15 (6) One representative from an organization that  
16 specializes in extended producer responsibility  
17 policy;

18 (7) One representative from an environmental organization  
19 that specializes in waste reduction and recycling;

20 (8) One representative from the automotive recycling  
21 industry;



1 (9) One representative from a company specializing in the  
2 recycling of electric vehicle batteries; and

3 (10) Other individuals as invited by the co-chairpersons.

4 (e) The working group shall submit a report of its  
5 findings and recommendations, including any proposed  
6 legislation, to the legislature no later than twenty days prior  
7 to the convening of the regular session of 2027. The report  
8 shall include an analysis of:

9 (1) Opportunities for and barriers to the reuse of  
10 electric vehicle batteries as a first option, as  
11 potential stationary energy storage systems as a  
12 second option, and for recycling as a third option,  
13 taking into account the additional costs of  
14 transporting electric vehicle batteries to be recycled  
15 out of State;

16 (2) Best practices for the management of electric vehicle  
17 batteries at end-of-life;

18 (3) The cost, safety, and environmental impacts of  
19 in-state versus out-of-state recycling options;

20 (4) The feasibility of pursuing any recycling options  
21 outside of the United States;



- 1 (5) The feasibility in terms of costs, available  
2 infrastructure, and enforcement of an electric vehicle  
3 battery recycling program;  
4 (6) The overall effect of different management practices  
5 on the environment; and  
6 (7) Any other factors deemed necessary and relevant.  
7 (f) The working group shall be dissolved on June 30, 2027.  
8 SECTION 3. This Act shall take effect upon its approval.



**Report Title:**

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

**Description:**

Establishes 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. Requires a report to the Legislature. (CD1)

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

