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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 thirty per  
3 cent increase in the number of registered electric vehicles over  
4 the past year. As electric vehicle usage increases, more  
5 electric vehicle batteries will enter the waste stream. Proper  
6 recycling and disposal practices are needed to ensure that  
7 electric vehicle batteries do not contribute to environmental  
8 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 this 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 co-chair of
- 15 the working group;
- 16 (2) The director of health, or the director's designee,
- 17 who shall serve as the co-chair of the working group;
- 18 and
- 19 (3) One representative from the department of
- 20 environmental services of the city and county of
- 21 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; and

16 (8) Others as invited by the co-chairs.

17 (e) The working group shall submit a report of its  
18 findings and recommendations, including any proposed  
19 legislation, to the legislature no later than twenty days prior  
20 to the convening of the regular session of 2025. The report  
21 shall include an analysis of:



- 1 (1) Opportunities for and barriers to the reuse of  
2 electric vehicle batteries as a first option, as  
3 potential energy storage systems as a second option,  
4 and for recycling as a third option, taking into  
5 account the additional costs of transporting electric  
6 vehicle batteries to be recycled out of State;
- 7 (2) Best practices for the management of electric vehicle  
8 batteries at end-of-life;
- 9 (3) The cost, safety, and environmental impacts of in-  
10 state versus out-of-state recycling options;
- 11 (4) The feasibility of pursuing any recycling options  
12 outside of the United States;
- 13 (5) The feasibility in terms of costs, available  
14 infrastructure, and enforcement of an electric vehicle  
15 battery recycling program; and
- 16 (6) The overall effect of different management practices  
17 on the environment.
- 18 (f) The working group shall be dissolved on June 30, 2025.
- 19 SECTION 3. This Act shall take effect on July 1, 3000.



**Report Title:**

Electric Vehicles; Batteries; Reuse; Recycling; Working Group;  
Hawaii State Energy Office

**Description:**

Establishes a working group within the Hawaii State Energy  
Office to make recommendations for the reuse and recycling of  
electric vehicle batteries. Effective 7/1/3000. (HD1)

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