

MAR 03 2020

---

---

# SENATE RESOLUTION

URGING THE UNIVERSITY OF HAWAII SYSTEM AND THE DEPARTMENT OF EDUCATION TO INCLUDE TRAINING, COURSES, AND CURRICULUM RELATED TO THE MECHANICS, REPAIR, AND MAINTENANCE OF ELECTRIC VEHICLES, HYDROGEN VEHICLES, AND OTHER ALTERNATIVE FUEL VEHICLES IN ITS SCHOOL PROGRAMS.

1           WHEREAS, the impacts of climate change are becoming  
2 increasingly urgent, and the State recognizes the importance of  
3 eliminating fossil fuels and transitioning to clean energy  
4 across all sectors; and

5  
6           WHEREAS, the use of fossil fuels is the State's primary  
7 contributor to greenhouse gas emissions, and the State's  
8 dependence on fossil fuels drains the economy of billions of  
9 dollars each year; and

10  
11           WHEREAS, the transportation sector accounts for the use of  
12 over two-thirds of the oil imported into the State; and

13  
14           WHEREAS, drivers spend nearly \$2,000,000,000 annually on  
15 gasoline and diesel for their cars and trucks, and the  
16 combustion of that fuel releases approximately eleven billion  
17 pounds of climate-changing carbon dioxide into the atmosphere  
18 each year; and

19  
20           WHEREAS, Hawai'i currently has upwards of ten thousand  
21 electric vehicles on the road, and that number will continue to  
22 increase as electric vehicles become more readily available and  
23 cost-effective for the public, and as the State expands its  
24 electric vehicle charging infrastructure; and

25  
26           WHEREAS, Hawai'i ranks in the top five states nationally for  
27 adoption of electric vehicles based on the percentage of  
28 vehicles purchased; and

29



# S.R. NO. 32

1 WHEREAS, mechanics and others who perform repair and  
 2 maintenance of electric vehicles require special tools, safety  
 3 equipment, and technician training;

4  
 5 WHEREAS, it is estimated that only three percent of  
 6 automotive technicians have the skillset to work on electric  
 7 vehicles; and

8  
 9 WHEREAS, only limited courses focused on electric vehicle  
 10 mechanics, repair, and maintenance are offered through the  
 11 University of Hawaii and Department of Education programs; and

12  
 13 WHEREAS, given the increasing adoption of electric vehicles  
 14 across the State, this body finds that it is necessary to  
 15 develop a workforce of automotive technicians who are trained in  
 16 the mechanics, repair, and maintenance of electric vehicles,  
 17 hydrogen vehicles, and other alternative fuel vehicles; now,  
 18 therefore,

19  
 20 BE IT RESOLVED by the Senate of the Thirtieth Legislature  
 21 of the State of Hawaii, Regular Session of 2020, that this body  
 22 urges the University of Hawaii System and the Department of  
 23 Education to include training, courses, and curriculum related  
 24 to the mechanics, repair, and maintenance of electric vehicles,  
 25 hydrogen vehicles, and other alternative fuel vehicles in its  
 26 school programs; and

27  
 28 BE IT FURTHER RESOLVED that certified copies of this  
 29 Resolution be transmitted to President of the University of  
 30 Hawaii System, Chairperson of the Board of Education, and  
 31 Superintendent of Education.

32  
 33  
 34

OFFERED BY: *Dominic George*

*DK*  
*Clarence K. Meshikawa*

*Kal Rhoad*  
*Anne Mercedes K...*

*[Signature]*

