

MAR 13 2013

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## SENATE RESOLUTION

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REQUESTING THE DEPARTMENT OF TRANSPORTATION TO ADOPT RULES TO  
ENCOURAGE TAXIS TO USE HIGH EFFICIENCY VEHICLES, INCLUDING  
HYBRID ELECTRIC VEHICLES, AT HONOLULU INTERNATIONAL  
AIRPORT.

1 WHEREAS, the State of Hawai'i and the United States  
2 Department of Energy established the Hawai'i Clean Energy  
3 Initiative designed to accelerate the transformation of Hawai'i  
4 into one of the world's first economies based primarily on clean  
5 energy resources; and  
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7 WHEREAS, Hawai'i Clean Energy Initiative's stated goal is to  
8 achieve seventy percent clean energy by 2030, with thirty  
9 percent from efficiency measures, and forty percent from locally  
10 generated renewable sources; and  
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12 WHEREAS, Hawai'i Clean Energy Initiative recognizes that  
13 transportation accounts for more than sixty percent of the  
14 energy consumed in Hawai'i; and  
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16 WHEREAS, the Hawai'i Clean Energy Initiative's overall goal  
17 for the transportation sector is to reduce consumption of  
18 petroleum in ground transportation by seventy percent, or  
19 approximately 385 million gallons per year, by 2030; and  
20

21 WHEREAS, the United States Department of Energy's Office of  
22 Energy Efficiency and Renewable Energy established and  
23 administers the Honolulu Clean Cities Coalition, a non-profit  
24 voluntary government and industry partnership, designed to  
25 achieve a cleaner environment in Hawai'i and reduce dependence on  
26 imported oil by increasing the use of alternative fuels and  
27 alternative fuel vehicles; and  
28

29 WHEREAS, SustainableHNL is the first airport sustainability  
30 initiative and pilot for the airport system sustainability  
31 program of the Department of Transportation Airport Division  
32 (Airport Division); and  
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1 WHEREAS, SustainableHNL, in its efforts to align the  
2 Airport Division's commitment to airport sustainability with  
3 local initiatives and legislation, has identified four major  
4 elements or areas of focus: carbon, water, waste, and energy;  
5 and  
6

7 WHEREAS, the Airport Division recognizes that as the main  
8 leaseholder, it can significantly influence users of Honolulu  
9 International Airport facilities through the development of  
10 sustainability initiatives and policies; and  
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12 WHEREAS, the Airport Division has found that ground access  
13 vehicles, including public passenger and taxis, and other forms  
14 of non-renewable fossil fuel based transportation that travel  
15 between Honolulu International Airport and the rest of Oahu  
16 account for approximately 18,182 million metric tons of carbon  
17 dioxide equivalent (mtCO<sub>2</sub>e), or 21.58 percent, of Honolulu  
18 International Airport's total emissions of carbon; and  
19

20 WHEREAS, other jurisdictions such as the City of San  
21 Francisco with 1,500 taxis have similarly found that the taxi  
22 industry is a major user of non-renewable fossil fuels and a  
23 major emitter of carbon dioxide, emitting 75,000 mtCO<sub>2</sub>e per  
24 year; and  
25

26 WHEREAS, in 1999, San Francisco initiated policies and  
27 regulations, including subsidies and priority at airport taxi  
28 stands, to increase the use of high efficiency vehicles by the  
29 taxi industry; and  
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31 WHEREAS, San Francisco has reported that as of March 2012,  
32 ninety percent of its taxi fleet consisted of clean cabs  
33 (eighty-five percent hybrid electric vehicles and five percent  
34 compressed natural gas), resulting in an annual greenhouse gas  
35 reduction of 35,000 mtCO<sub>2</sub>e; and  
36

37 WHEREAS, San Diego International Airport in 2011 launched  
38 an airport clean cab program of subsidies and priority at  
39 airport taxi stands that resulted in a thirty percent adoption  
40 rate of hybrid electric vehicles (117 hybrid electric vehicle  
41 cabs) among all cabs serving the airport in just ten months,  
42 resulting in an annual greenhouse gas reduction of 2,736 mtCO<sub>2</sub>e  
43 with each hybrid electric vehicle producing sixty-two percent



1 less greenhouse gas than the typical airport taxi vehicle, a  
2 2008 Ford Crown Victoria; and  
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4 WHEREAS, the City of Boston in 2009, through the assistance  
5 of the United States Department of Energy's Office of Energy  
6 Efficiency and Renewable Energy, launched Boston's ClearAir CABS  
7 program of tax credits and priority airport taxi stands to  
8 incentivize the taxi industry to convert to hybrid electric  
9 vehicles in clear recognition of the environmental and tourism  
10 market benefits to Boston's overall economy; now, therefore,  
11

12 BE IT RESOLVED by the Senate of the Twenty-seventh  
13 Legislature of the State of Hawai'i, Regular Session of 2013,  
14 that the Department of Transportation is requested to adopt  
15 rules to encourage taxis to use high efficiency vehicles,  
16 including hybrid electric vehicles, at Honolulu International  
17 Airport; and  
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19 BE IT FURTHER RESOLVED that the Airport Division, in its  
20 effort to align its commitment to airport sustainability with  
21 local initiatives and legislation, review the rules to encourage  
22 taxi cabs servicing Honolulu International Airport to use high  
23 efficiency vehicles such as hybrid electric vehicles; and  
24

25 BE IT FURTHER RESOLVED that the rules of the Department of  
26 Transportation encourage the use of high efficiency vehicles for  
27 taxi cabs at Honolulu International Airport through incentives  
28 including, among others, the establishment of a separate taxi  
29 stand for high efficiency vehicles; and  
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31 BE IT FURTHER RESOLVED that certified copies of this  
32 Resolution be transmitted to the Governor, Director of  
33 Transportation, United States Department of Energy's Office of  
34 Energy Efficiency and Renewable Energy, Honolulu Clean Cities  
35 Coalition, and Mayor of the City and County of Honolulu.  
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S.R. NO. 144

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