
HOUSE CONCURRENT RESOLUTION

DIRECTING THE STATE BUILDING CODE COUNCIL TO REQUIRE CERTAIN
PARKING FACILITIES TO BE EQUIPPED WITH ELECTRIC VEHICLE-
READY INFRASTRUCTURE FOR AT LEAST ONE PARKING SPACE, OR
TWENTY-FIVE PERCENT OF PARKING SPACES, WHICHEVER IS
GREATER.

1 WHEREAS, the State's dependence on imported fossil fuels
2 drains Hawaii's economy of billions of dollars each year; and
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4 WHEREAS, the price volatility of imported fuel also creates
5 significant risks for the State's economy and adds to the cost
6 of living for local families; and
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8 WHEREAS, on a per mile basis, it is significantly less
9 expensive to commute in an electric vehicle than it is to
10 commute in a gas-powered automobile; and
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12 WHEREAS, Hawaii's cost of living could be lowered by
13 converting to vehicles and transportation systems powered by
14 less expensive, locally-produced renewable energy; and
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16 WHEREAS, in addition to these cost benefits, the increased
17 adoption of electric vehicles would also benefit the State's
18 environment; and
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20 WHEREAS, the continued use of fossil fuels contributes to
21 climate change, which poses a serious threat to the State's
22 economy, public health, natural resources, and environment; and
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24 WHEREAS, the effects of climate change are destroying
25 Hawaii's coral reefs and causing the sea level to rise at an
26 accelerating rate; and
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1 WHEREAS, sea level rise is expected to cause up to
2 \$19,000,000,000 in losses to coastal residences, businesses, and
3 infrastructure; and

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5 WHEREAS, climate change also poses a serious threat to
6 public health by increasing the incidence of infectious
7 diseases, asthma, and other health problems; and

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9 WHEREAS, the widespread use of electric vehicles will
10 increase the diversity of choices available for transportation
11 that do not depend on petroleum but utilize electricity
12 generated from locally produced renewable energy resources; and

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14 WHEREAS, the emergence of autonomous electric vehicles
15 operating on public roads in cities around the nation signals an
16 approaching transportation revolution that has the potential to
17 dramatically reduce costs for consumers and change the way
18 people commute; and

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20 WHEREAS, in order for Hawaii residents to benefit from
21 these changes and properly transition away from expensive fossil
22 fuel-powered vehicles, the State must ensure the availability of
23 the necessary infrastructure elements, including electric
24 vehicle charging stations; and

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26 WHEREAS, the lack of available charging infrastructure to
27 support electric vehicles is especially acute at multi-unit
28 dwellings and workplaces; now, therefore,

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30 BE IT RESOLVED by the House of Representatives of the
31 Twenty-ninth Legislature of the State of Hawaii, Regular Session
32 of 2018, the Senate concurring, that the State Building Code
33 Council is directed to require certain parking facilities or
34 parking lots that:

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36 (1) Have at least two parking spaces;
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38 (2) Are permitted for construction or significant
39 renovation after June 30, 2019; and
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41 (3) Serve a multi-unit dwelling, workplace, or commercial
42 building,



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2 to be equipped with wiring and electrical infrastructure to
3 accept electric vehicle charging infrastructure in at least one
4 parking space, or twenty-five percent of parking spaces,
5 whichever is greater; and
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7 BE IT FURTHER RESOLVED that the Office of Planning is
8 requested to assist in the preparation of the plan; and
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10 BE IT FURTHER RESOLVED that any plan or rule developed
11 pursuant to this Concurrent Resolution is urged to define the
12 term "EV Ready Infrastructure" as "all of the conduit, wiring,
13 electrical panel capacity, breaker space, and other equipment
14 necessary to bring sufficient power to parking spaces at a
15 minimum of 240 volts/40 amperes capacity per space"; and
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17 BE IT FURTHER RESOLVED that a certified copy of this
18 Concurrent Resolution be transmitted to the Chairperson of the
19 State Building Code Council.
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OFFERED BY: 

MAR 09 2018

