

2023 -- S 0962

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STATE OF RHODE ISLAND

IN GENERAL ASSEMBLY

JANUARY SESSION, A.D. 2023

SENATE RESOLUTION

RESPECTFULLY REQUESTING THAT RHODE ISLAND ENERGY FACTOR INTO CONSIDERATION IN FUTURE SMART-CHARGING PILOT PROGRAMS THE BENEFIT-COST ASSESSMENT AND REDUCED COSTS ASSOCIATED WITH USING ENERGY DURING OFF-PEAK CHARGING TIMES

Introduced By: Senator Alana DiMario

Date Introduced: May 01, 2023

Referred To: Placed on the Senate Consent Calendar

1 WHEREAS, Rhode Island is committed to achieving 100 percent renewable electricity
2 by 2033 and net-zero carbon emissions by 2050; and

3 WHEREAS, Transportation emissions account for 40 percent of Rhode Island's
4 greenhouse gas emissions and the increased adoption of electric vehicles (EVs) brings us closer to
5 our carbon emission footprint; and

6 WHEREAS, As more households adopt EVs, consumers must be encouraged to use
7 energy during off-peak times to lower demand on the system when it is highest to maintain
8 system reliability and minimize fossil fuel use; and

9 WHEREAS, Through the use of smart-charging programs, utilities can develop rebate
10 programs and rate differentials that shift consumers to off-peak electricity use and will in turn
11 improve grid reliability and reduce carbon emissions from the generation of electricity; and

12 WHEREAS, With the utilization of data from these programs, vital information can be
13 used moving forward in other applications to guide timing of energy use to maximize reliability
14 and reduce carbon emissions; now, therefore be it

15 RESOLVED, That this Senate of the State of Rhode Island hereby supports Rhode Island
16 Energy's effort to put forth to the Public Utilities Commission, a new off-peak electric vehicle
17 charging rebate program that implements innovative approaches to EV load management; and be
18 it further

1 RESOLVED, That this Senate respectfully requests Rhode Island Energy to factor into
2 consideration for future smart-charging pilot programs the benefit-cost assessment and the total
3 value of reduced costs associated with using energy during off-peak charging times, including the
4 following accompanied costs;

- 5 • The values for avoided energy and capacity costs, avoided transmission costs,
6 avoided distribution costs, improved grid reliability value, the value of capacity
7 benefits in the form of demand induced price reduction effects (DRIPE), avoided
8 greenhouse gas emissions value, and the value of public health benefits; and be it
9 further

10 RESOLVED, That the Secretary of State be and hereby is authorized and directed to
11 transmit duly certified copies of this resolution to the Rhode Island Public Utilities Commission,
12 the Rhode Island Division of Public Utilities & Carriers, and the President of Rhode Island
13 Energy.

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