

STATE OF NEW YORK

9086

IN SENATE

April 22, 2024

Introduced by Sen. PARKER -- read twice and ordered printed, and when printed to be committed to the Committee on Energy and Telecommunications

AN ACT to amend the public service law and the public authorities law, in relation to creating a resilient electric vehicle charging system pilot program

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1 Section 1. The public service law is amended by adding a new section
2 66-x to read as follows:

3 § 66-x. Resilient electric vehicle charging system pilot program. 1.
4 For the purposes of this section:

5 (a) "Resilient carbon free power generation" shall mean only those
6 generating stations which are:

7 (i) manufactured, installed, and operated in accordance with applica-
8 ble government and industry standards;

9 (ii) connected to the electric system and operated in conjunction with
10 an electric corporation's transmission and distribution system;

11 (iii) operated in compliance with any standards and requirements
12 established under this section;

13 (iv) utilize a synchronous generator with black start capability,
14 frequency control, and disconnect capability; and

15 (v) do not include the active use of fossil fuels and have a name
16 plate capacity of 1.5 megawatts or less.

17 (b) "Resilient electric vehicle charging system" shall mean an elec-
18 tric vehicle (EV) microgrid designed to provide uninterrupted electric
19 service for electric vehicle charging throughout an extended outage.

20 (c) "Extended outage" shall mean an outage of the electric distrib-
21 ution system that continues for a period of twenty-four hours or longer.

22 (d) "Uninterrupted" shall mean that the resilient electric vehicle
23 charging system generates electricity throughout an extended outage,
24 with the exception of momentary interruptions associated with transi-
25 tions to and from grid parallel and grid-islanded operations.

EXPLANATION--Matter in italics (underscored) is new; matter in brackets
[-] is old law to be omitted.

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(e) "EV microgrid" is a group of energy generating resources with at least one source of resilient carbon free power generation and energy storage within clearly defined electrical boundaries that acts as a single controllable entity with respect to the grid for the purpose of electric vehicle charging and other emergency response needs during an extended outage. An EV microgrid can connect and disconnect from the grid to enable it to operate in both grid-connected or island-mode.

2. The commissioner shall promulgate such rules, policies, and procedures necessary and appropriate no later than one hundred eighty days following the effective date of this section for:

(a) creating a resilient electric vehicle charging system pilot program at the commercial retail rate with a monthly cash out option program and a total program cap of 50 megawatts;

(b) establishing a value stack adder for valuation of uninterrupted resilient carbon free power generation generated within an EV microgrid that is participating in the pilot program that supports a resilient electric vehicle charging system at the commercial retail rate; and

(c) creating a timely interconnection process for resilient carbon free power generation comprising an EV microgrid.

§ 2. Section 1005 of the public authorities law is amended by adding a new subdivision 31 to read as follows:

31. The authority in a manner consistent with section sixty-six-x of the public service law, shall promulgate such rules, policies, and procedures necessary and appropriate no later than one hundred eighty days following the effective date of this subdivision for:

(a) creating a resilient electric vehicle charging system at the commercial retail rate with a monthly cash out option program and a total program cap of 50 megawatts;

(b) establishing a value stack adder for valuation of uninterrupted resilient carbon free power generation generated within an EV microgrid that is also a participant of the pilot program that supports a resilient electric vehicle charging system at the commercial retail rate; and

(c) creating a timely interconnection process for resilient carbon free power generation comprising an EV microgrid.

§ 3. Section 1020-f of the public authorities law, as added by chapter 517 of the laws of 1986, is amended by adding a new subdivision (11) to read as follows:

(11) The authority in a manner consistent with section sixty-six-x of the public service law, shall promulgate such rules, policies, and procedures necessary and appropriate no later than one hundred eighty days following the effective date of this section for:

1. creating a resilient electric vehicle charging system at the commercial retail rate with a monthly cash out option program and the total program cap of 50 megawatts;

2. establishing a value stack adder for valuation of uninterrupted resilient carbon free power generation generated within an EV microgrid that is also a participant of the pilot program that supports a resilient electric vehicle charging system at the commercial retail rate; and

3. creating a timely interconnection process for resilient carbon free power generation comprising an EV microgrid.

§ 4. This act shall take effect immediately.