

Maggie Hagan

115TH CONGRESS
2D SESSION

S. _____

To provide for the study and evaluation of net metering, and for other purposes.

IN THE SENATE OF THE UNITED STATES

and Mr. Sanders
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Ms. HASSAN (for herself, Mr. MARKEY, and Mrs. SHAHEEN) introduced the following bill; which was read twice and referred to the Committee on _____

A BILL

To provide for the study and evaluation of net metering, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “National Evaluation
5 of Techniques for Making Energy Technologies More Effi-
6 cient and Resilient Act of 2018”.

7 **SEC. 2. NET METERING STUDY AND EVALUATION.**

8 Title XVIII of the Energy Policy Act of 2005 (Public
9 Law 109–58; 119 Stat. 1122) is amended by adding at
10 the end the following:

1 **“SEC. 1841. NET METERING STUDY AND EVALUATION.**

2 “(a) **IN GENERAL.**—Not later than 180 days after
3 the date of enactment of this section, the Secretary shall
4 seek to enter into an agreement with the National Acad-
5 emies of Sciences, Engineering, and Medicine (referred to
6 in this section as the ‘National Academies’) under which
7 the National Academies shall—

8 “(1) study the opportunities and challenges as-
9 sociated with net metering; and

10 “(2) evaluate the expected medium- and long-
11 term impacts of net metering.

12 “(b) **ELEMENTS.**—The study and evaluation con-
13 ducted pursuant to the agreement entered into under sub-
14 section (a) shall address—

15 “(1) developments in net metering, including
16 the emergence of new technologies;

17 “(2) alternatives to existing metering systems
18 that—

19 “(A) provide for transactions that—

20 “(i) measure electric energy consump-
21 tion by an electric consumer at the home
22 or facility of that electric consumer; and

23 “(ii) are capable of sending electric
24 energy usage information through a com-
25 munications network to an electric utility;

1 “(B) promote equitable distribution of re-
2 sources and costs; and

3 “(C) provide incentives for the use of dis-
4 tributed renewable generation;

5 “(3) net metering planning and operating tech-
6 niques;

7 “(4) effective architecture for net metering;

8 “(5) successful net metering business models;

9 “(6) consumer and industry incentives for net
10 metering;

11 “(7) the role of renewable resources in the elec-
12 tric grid;

13 “(8) the role of net metering in developing fu-
14 ture models for renewable infrastructure; and

15 “(9) the use of battery storage with net meter-
16 ing.

17 “(e) REPORT.—

18 “(1) IN GENERAL.—The agreement entered into
19 under subsection (a) shall require the National
20 Academies to submit to the Secretary, not later than
21 2 years after entering into the agreement, a report
22 that describes the results of the study and evalua-
23 tion conducted pursuant to the agreement.

24 “(2) PUBLIC AVAILABILITY.—The report sub-
25 mitted under paragraph (1) shall be made available

- 1 to the public through electronic means, including the
- 2 internet.".