

115TH CONGRESS
2D SESSION

S. 2747

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

IN THE SENATE OF THE UNITED STATES

APRIL 25, 2018

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

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 “(c) 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.”.

