

115TH CONGRESS  
2D SESSION

# S. 2747

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

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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

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## 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.”.

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