

114TH CONGRESS
1ST SESSION

S. 886

To amend the Energy Policy Act of 2005 to provide for a smart energy and water efficiency pilot program.

IN THE SENATE OF THE UNITED STATES

MARCH 26, 2015

Mr. UDALL introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To amend the Energy Policy Act of 2005 to provide for a smart energy and water efficiency pilot program.

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 “Smart Energy and
5 Water Efficiency Act of 2015”.

6 **SEC. 2. SMART ENERGY AND WATER EFFICIENCY PILOT**
7 **PROGRAM.**

8 Subtitle A of title IX of the Energy Policy Act of
9 2005 (42 U.S.C. 16191 et seq.) is amended by adding at
10 the end the following:

1 **“SEC. 918. SMART ENERGY AND WATER EFFICIENCY PILOT**
2 **PROGRAM.**

3 “(a) DEFINITIONS.—In this section:

4 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-
5 tity’ means—

6 “(A) a utility;

7 “(B) a municipality;

8 “(C) a water district; and

9 “(D) any other authority that provides
10 water, wastewater, or water reuse services.

11 “(2) SMART ENERGY AND WATER EFFICIENCY
12 PILOT PROGRAM.—The term ‘smart energy and
13 water efficiency pilot program’ or ‘pilot program’
14 means the pilot program established under sub-
15 section (b).

16 “(b) SMART ENERGY AND WATER EFFICIENCY
17 PILOT PROGRAM.—

18 “(1) IN GENERAL.—The Secretary shall estab-
19 lish and carry out a smart energy and water effi-
20 ciency pilot program in accordance with this section.

21 “(2) PURPOSE.—The purpose of the smart en-
22 ergy and water efficiency pilot program is to award
23 grants to eligible entities to demonstrate novel and
24 innovative technology-based solutions that will—

25 “(A) increase the energy efficiency of
26 water, wastewater, and water reuse systems;

1 “(B) improve energy efficiency of water,
2 wastewater, and water reuse systems to help
3 communities across the United States make sig-
4 nificant progress in conserving water, saving
5 energy, and reducing costs; and

6 “(C) support the implementation of inno-
7 vative processes and the installation of ad-
8 vanced automated systems that provide real-
9 time data on energy and water.

10 “(3) PROJECT SELECTION.—

11 “(A) IN GENERAL.—The Secretary shall
12 make competitive, merit-reviewed grants under
13 the pilot program to not less than 3, but not
14 more than 5, eligible entities.

15 “(B) SELECTION CRITERIA.—In selecting
16 an eligible entity to receive a grant under the
17 pilot program, the Secretary shall consider—

18 “(i) energy and cost savings;

19 “(ii) the novelty of the technology to
20 be used;

21 “(iii) the degree to which the project
22 integrates next-generation sensors, soft-
23 ware, analytics, and management tools;

24 “(iv) the anticipated cost-effectiveness
25 of the pilot project in terms of energy effi-

1 ciency savings, water savings or reuse, and
2 infrastructure costs averted;

3 “(v) whether the technology can be
4 deployed in a variety of geographic regions
5 and the degree to which the technology can
6 be implemented on a smaller or larger
7 scale; and

8 “(vi) whether the project will be com-
9 pleted in 5 years or less.

10 “(C) APPLICATIONS.—

11 “(i) IN GENERAL.—Subject to clause
12 (ii), an eligible entity seeking a grant
13 under the pilot program shall submit to
14 the Secretary an application at such time,
15 in such manner, and containing such infor-
16 mation as the Secretary determines to be
17 necessary.

18 “(ii) CONTENTS.—An application
19 under clause (i) shall, at a minimum, in-
20 clude—

21 “(I) a description of the project;

22 “(II) a description of the tech-

23 nology to be used in the project;

1 “(III) the anticipated results, in-
2 cluding energy and water savings, of
3 the project;

4 “(IV) a comprehensive budget for
5 the project;

6 “(V) the names of the project
7 lead organization and any partners;

8 “(VI) the number of users to be
9 served by the project; and

10 “(VII) any other information
11 that the Secretary determines to be
12 necessary to complete the review and
13 selection of a grant recipient.

14 “(4) ADMINISTRATION.—

15 “(A) IN GENERAL.—Not later than 300
16 days after the date of enactment of this section,
17 the Secretary shall select grant recipients under
18 this section.

19 “(B) EVALUATIONS.—The Secretary shall
20 annually carry out an evaluation of each project
21 for which a grant is provided under this section
22 that—

23 “(i) evaluates the progress and impact
24 of the project; and

1 “(ii) assesses the degree to which the
2 project is meeting the goals of the pilot
3 program.

4 “(C) TECHNICAL AND POLICY ASSIST-
5 ANCE.—On the request of a grant recipient, the
6 Secretary shall provide technical and policy as-
7 sistance.

8 “(D) BEST PRACTICES.—The Secretary
9 shall make available to the public—

10 “(i) a copy of each evaluation carried
11 out under subparagraph (B); and

12 “(ii) a description of any best prac-
13 tices identified by the Secretary as a result
14 of those evaluations.

15 “(E) REPORT TO CONGRESS.—The Sec-
16 retary shall submit to Congress a report con-
17 taining the results of each evaluation carried
18 out under subparagraph (B).

19 “(c) FUNDING.—

20 “(1) IN GENERAL.—The Secretary shall use not
21 less than \$7,500,000 of amounts made available to
22 the Secretary to carry out this section.

23 “(2) PRIORITIZATION.—In funding activities
24 under this section, the Secretary shall prioritize
25 funding in the following manner:

1 “(A) Any unobligated amounts made avail-
2 able to the Secretary to carry out the activities
3 of the Energy Efficiency and Renewable Energy
4 Office.

5 “(B) Any unobligated amounts (other than
6 those described in subparagraph (A)) made
7 available to the Secretary.”.

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