

bined heat and power, that serves electric consumers at or near the site of production.

(4) Cooperative Extension

The term “Cooperative Extension” means the extension services established at the land-grant colleges and universities under the Smith-Lever Act of May 8, 1914 [7 U.S.C. 341 et seq.].

(5) Land-grant colleges and universities

The term “land-grant colleges and universities” means—

(A) 1862 Institutions (as defined in section 7601 of title 7);

(B) 1890 Institutions (as defined in section 7601 of title 7); and

(C) 1994 Institutions (as defined in section 7601 of title 7).

(i) Authorization of appropriations

In addition to amounts otherwise authorized to be appropriated in section 16191 of this title, there are authorized to be appropriated for the program under this section such sums as may be appropriated.

(Pub. L. 109-58, title IX, §917, Aug. 8, 2005, 119 Stat. 863; Pub. L. 110-229, title VI, §601, May 8, 2008, 122 Stat. 850.)

Editorial Notes

REFERENCES IN TEXT

The Smith-Lever Act of May 8, 1914, referred to in subsec. (h)(4), is act May 8, 1914, ch. 79, 38 Stat. 372, which is classified generally to subchapter IV (§341 et seq.) of chapter 13 of Title 7, Agriculture. For complete classification of this Act to the Code, see Short Title note set out under section 341 of Title 7 and Tables.

CODIFICATION

May 8, 2008, referred to in subsec. (a), was in the original “the date of enactment of the National Forests, Parks, Public Land, and Reclamation Projects Authorization Act of 2008” and was translated as meaning the date of enactment of the Consolidated Natural Resources Act of 2008, Pub. L. 110-229, which amended this section generally, to reflect the probable intent of Congress. The National Forests, Parks, Public Land, and Reclamation Projects Authorization Act of 2008, was S. 2616, 110th Congress, introduced in the Senate on Feb. 8, 2008, with action thereon indefinitely postponed. The provisions of section 601 of that bill generally amended section 917 of Pub. L. 109-58 (this section) and was a predecessor version of section 601 of Pub. L. 109-229.

AMENDMENTS

2008—Pub. L. 110-229 amended section generally. Prior to amendment, section related to grants for the establishment of a network of Advanced Energy Efficiency Technology Transfer Centers.

§ 16198. Smart energy and water efficiency pilot program

(a) Definitions

In this section:

(1) Eligible entity

The term “eligible entity” means—

(A) a utility;

(B) a municipality;

(C) a water district;

(D) an Indian Tribe or Alaska Native village; and

(E) any other authority that provides water, wastewater, or water reuse services.

(2) Smart energy and water efficiency pilot program

The term “smart energy and water efficiency pilot program” or “pilot program” means the pilot program established under subsection (b).

(b) Smart energy and water efficiency pilot program

(1) In general

The Secretary shall establish and carry out a smart energy and water efficiency pilot program in accordance with this section.

(2) Purpose

The purpose of the smart energy and water efficiency pilot program is to award grants to eligible entities to demonstrate unique, advanced, or innovative technology-based solutions that will—

(A) improve the net energy balance of water, wastewater, and water reuse systems;

(B) improve the net energy balance of water, wastewater, and water reuse systems to help communities across the United States make measurable progress in conserving water, saving energy, and reducing costs;

(C) support the implementation of innovative and unique processes and the installation of established advanced automated systems that provide real-time data on energy and water; and

(D) improve energy-water conservation and quality and predictive maintenance through technologies that utilize internet connected technologies, including sensors, intelligent gateways, and security embedded in hardware.

(3) Project selection

(A) In general

The Secretary shall make competitive, merit-reviewed grants under the pilot program to not less than 3, but not more than 5, eligible entities.

(B) Selection criteria

In selecting an eligible entity to receive a grant under the pilot program, the Secretary shall consider—

(i) energy and cost savings;

(ii) the uniqueness, commercial viability, and reliability of the technology to be used;

(iii) the degree to which the project integrates next-generation sensors software, analytics, and management tools;

(iv) the anticipated cost-effectiveness of the pilot project through measurable energy savings, water savings or reuse, and infrastructure costs averted;

(v) whether the technology can be deployed in a variety of geographic regions and the degree to which the technology can be implemented in a wide range of applications ranging in scale from small towns to large cities, including Tribal communities;

(vi) whether the technology has been successfully deployed elsewhere;

(vii) whether the technology was sourced from a manufacturer based in the United States; and

(viii) whether the project will be completed in 5 years or less.

(C) Applications

(i) In general

Subject to clause (ii), an eligible entity seeking a grant under the pilot program shall submit to the Secretary an application at such time, in such manner, and containing such information as the Secretary determines to be necessary.

(ii) Contents

An application under clause (i) shall, at a minimum, include—

(I) a description of the project;

(II) a description of the technology to be used in the project;

(III) the anticipated results, including energy and water savings, of the project;

(IV) a comprehensive budget for the project;

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

(VI) the number of users to be served by the project;

(VII) a description of the ways in which the proposal would meet performance measures established by the Secretary; and

(VIII) any other information that the Secretary determines to be necessary to complete the review and selection of a grant recipient.

(4) Administration

(A) In general

Not later than 1 year after December 27, 2020, the Secretary shall select grant recipients under this section.

(B) Evaluations

(i) Annual evaluations

The Secretary shall annually carry out an evaluation of each project for which a grant is provided under this section that meets performance measures and benchmarks developed by the Secretary, consistent with the purposes of this section.

(ii) Requirements

Consistent with the performance measures and benchmarks developed under clause (i), in carrying out an evaluation under that clause, the Secretary shall—

(I) evaluate the progress and impact of the project; and

(II) assess the degree to which the project is meeting the goals of the pilot program.

(C) Technical and policy assistance

On the request of a grant recipient, the Secretary shall provide technical and policy assistance.

(D) Best practices

The Secretary shall make available to the public through the Internet and other means the Secretary considers to be appropriate—

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

(ii) a description of any best practices identified by the Secretary as a result of those evaluations.

(E) Report to Congress

The Secretary shall submit to Congress a report containing the results of each evaluation carried out under subparagraph (B).

(c) Authorization of appropriations

There is authorized to be appropriated to the Secretary to carry out this section \$15,000,000, to remain available until expended.

(Pub. L. 109–58, title IX, §918, as added Pub. L. 116–260, div. Z, title I, §1014(a), Dec. 27, 2020, 134 Stat. 2451.)

PART B—DISTRIBUTED ENERGY AND ELECTRIC ENERGY SYSTEMS

§ 16211. Distributed energy and electric energy systems

(a) In general

The Secretary shall carry out programs of research, development, demonstration, and commercial application on distributed energy resources and systems reliability and efficiency, to improve the reliability and efficiency of distributed energy resources and systems, integrating advanced energy technologies with grid connectivity, including activities described in this part. The programs shall address advanced energy technologies and systems and advanced grid reliability technologies.

(b) Authorization of appropriations

(1) Distributed energy and electric energy systems activities

There are authorized to be appropriated to the Secretary to carry out distributed energy and electric energy systems activities, including activities authorized under this part—

(A) \$240,000,000 for fiscal year 2007;

(B) \$255,000,000 for fiscal year 2008; and

(C) \$273,000,000 for fiscal year 2009.

(2) Power delivery research initiative

There are authorized to be appropriated to the Secretary to carry out the Power Delivery Research Initiative under subsection¹ 16215(e) of this title such sums as may be necessary for each of fiscal years 2007 through 2009.

(c) Micro-cogeneration energy technology

From amounts authorized under subsection (b), \$20,000,000 for each of fiscal years 2007 and 2008 shall be available to carry out activities under section 16213 of this title.

(d) High-voltage transmission lines

From amounts authorized under subsection (b), \$2,000,000 for fiscal year 2007 shall be available to carry out activities under section 16215(g) of this title.

(Pub. L. 109–58, title IX, §921, Aug. 8, 2005, 119 Stat. 864.)

¹ So in original. Probably should be “section”.