

(§7401 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of this title and Tables.

This Act, referred to in subsec. (b)(2), is Pub. L. 102-486, Oct. 24, 1992, 106 Stat. 2776, known as the Energy Policy Act of 1992. For complete classification of this Act to the Code, see Short Title note set out under section 13201 of this title and Tables.

§ 13573. Generation projects

(a) Eligible projects

Projects supported under section 13572(a)(1) of this title may include—

- (1) equipment or processes previously supported by a Department of Energy program;
- (2) advanced combustion equipment and processes that the Secretary determines will be cost-effective and could substantially contribute to meeting environmental or energy needs, including gasification, gasification fuel cells, gasification coproduction, oxidation combustion techniques, ultra-supercritical boilers, and chemical looping; and
- (3) hybrid gasification/combustion systems, including systems integrating fuel cells with gasification or combustion units.

(b) Criteria

The Secretary shall establish criteria for the selection of generation projects under section 13572(a)(1) of this title. The Secretary may modify the criteria as appropriate to reflect improvements in equipment, except that the criteria shall not be modified to be less stringent. The selection criteria shall include—

- (1) prioritization of projects whose installation is likely to result in significant air quality improvements in nonattainment air quality areas;
- (2) prioritization of projects whose installation is likely to result in lower emission rates of pollution;
- (3) prioritization of projects that result in the repowering or replacement of older, less efficient units;
- (4) documented broad interest in the procurement of the equipment and utilization of the processes used in the projects by owners or operators of facilities for electricity generation;
- (5) equipment and processes beginning in 2006 through 2011 that are projected to achieve a thermal efficiency of—

(A) 40 percent for coal of more than 9,000 Btu per pound based on higher heating values;

(B) 38 percent for coal of 7,000 to 9,000 Btu per pound passed on higher heating values; and

(C) 36 percent for coal of less than 7,000 Btu per pound based on higher heating values;

except that energy used for coproduction or cogeneration shall not be counted in calculating the thermal efficiency under this paragraph; and

(6) equipment and processes beginning in 2012 and 2013 that are projected to achieve a thermal efficiency of—

(A) 45 percent for coal of more than 9,000 Btu per pound based on higher heating values;

(B) 44 percent for coal of 7,000 to 9,000 Btu per pound passed on higher heating values; and

(C) 40 percent for coal of less than 7,000 Btu per pound based on higher heating values;

except that energy used for coproduction or cogeneration shall not be counted in calculating the thermal efficiency under this paragraph.

(c) Program balance and priority

In carrying out the program under section 13572(a)(1) of this title, the Secretary shall ensure, to the extent practicable, that—

(1) between 25 percent and 75 percent of the projects supported are for the sole purpose of electrical generation; and

(2) priority is given to projects that use electrical generation equipment and processes that have been developed and demonstrated and applied in actual production of electricity, but are not yet cost-competitive, and that achieve greater efficiency and environmental performance.

(d) Authorization of appropriations

There are authorized to be appropriated to the Secretary to carry out section 13572(a)(1) of this title—

(1) \$250,000,000 for fiscal year 2007;

(2) \$350,000,000 for fiscal year 2008;

(3) \$400,000,000 for each of fiscal years 2009 through 2012; and

(4) \$300,000,000 for fiscal year 2013.

(e) Applicability

No technology, or level of emission reduction, shall be treated as adequately demonstrated for purpose¹ of section 7411 of this title, achievable for purposes of section 7479 of this title, or achievable in practice for purposes of section 7501 of this title solely by reason of the use of such technology, or the achievement of such emission reduction, by one or more facilities receiving assistance under section 13572(a)(1) of this title.

(Pub. L. 102-486, title XXXI, §3103, as added Pub. L. 109-58, title IV, §421(a), Aug. 8, 2005, 119 Stat. 758.)

§ 13574. Air quality enhancement program

(a) Eligible projects

Projects supported under section 13572(a)(2) of this title shall—

(1) utilize technologies that meet relevant Federal and State clean air requirements applicable to the unit or facility, including being adequately demonstrated for purposes of section 7411 of this title, achievable for purposes of section 7479 of this title, or achievable in practice for purposes of section 7501 of this title; or

(2) utilize equipment or processes that exceed relevant Federal or State clean air requirements applicable to the unit or facilities included in the projects by achieving greater efficiency or environmental performance.

¹ So in original. Probably should be "purposes".