

(2) Biomass-based diesel

The term “biomass-based diesel” means biodiesel as defined in section 13220(f) of this title.

(3) Biodiesel

The term “biodiesel” means the monoalkyl esters of long chain fatty acids derived from plant or animal matter that meet—

(A) the registration requirements for fuels and fuel additives under this section; and

(B) the requirements of ASTM standard D6751.

(4) Biomass-based diesel and biodiesel blends

The terms “biomass-based diesel blend” and “biodiesel blend” means a blend of “biomass-based diesel” or “biodiesel” fuel that is blended with petroleum-based diesel fuel.

(Pub. L. 110–140, title II, §205, Dec. 19, 2007, 121 Stat. 1529.)

EFFECTIVE DATE

Section effective on the date that is 1 day after Dec. 19, 2007, see section 1601 of Pub. L. 110–140, set out as a note under section 1824 of Title 2, The Congress.

§ 17022. Grants for production of advanced biofuels**(a) In general**

The Secretary of Energy shall establish a grant program to encourage the production of advanced biofuels.

(b) Requirements and priority

In making grants under this section, the Secretary—

(1) shall make awards to the proposals for advanced biofuels with the greatest reduction in lifecycle greenhouse gas emissions compared to the comparable motor vehicle fuel lifecycle emissions during calendar year 2005; and

(2) shall not make an award to a project that does not achieve at least an 80 percent reduction in such lifecycle greenhouse gas emissions.

(c) Authorization of appropriations

There is authorized to be appropriated to carry out this section \$500,000,000 for the period of fiscal years 2008 through 2015, except that the amount authorized to be appropriated to carry out this section not appropriated as of October 2, 2013, shall be reduced by \$6,000,000.

(Pub. L. 110–140, title II, §207, Dec. 19, 2007, 121 Stat. 1531; Pub. L. 113–40, §10(f), Oct. 2, 2013, 127 Stat. 546.)

AMENDMENTS

2013—Subsec. (c). Pub. L. 113–40 inserted “, except that the amount authorized to be appropriated to carry out this section not appropriated as of October 2, 2013, shall be reduced by \$6,000,000” before period at end.

EFFECTIVE DATE

Section effective on the date that is 1 day after Dec. 19, 2007, see section 1601 of Pub. L. 110–140, set out as a note under section 1824 of Title 2, The Congress.

PART B—BIOFUELS RESEARCH AND DEVELOPMENT

§ 17031. Biodiesel**(a) Biodiesel study**

Not later than 180 days after December 19, 2007, the Secretary, in consultation with the Administrator of the Environmental Protection Agency, shall submit to Congress a report on any research and development challenges inherent in increasing the proportion of diesel fuel sold in the United States that is biodiesel.

(b) Material for the establishment of standards

The Director of the National Institute of Standards and Technology, in consultation with the Secretary, shall make publicly available the physical property data and characterization of biodiesel and other biofuels as appropriate.

(Pub. L. 110–140, title II, §221, Dec. 19, 2007, 121 Stat. 1533.)

EFFECTIVE DATE

Section effective on the date that is 1 day after Dec. 19, 2007, see section 1601 of Pub. L. 110–140, set out as a note under section 1824 of Title 2, The Congress.

§ 17032. Grants for biofuel production research and development in certain States**(a) In general**

The Secretary shall provide grants to eligible entities for research, development, demonstration, and commercial application of biofuel production technologies in States with low rates of ethanol production, including low rates of production of cellulosic biomass ethanol, as determined by the Secretary.

(b) Eligibility

To be eligible to receive a grant under this section, an entity shall—

(1)(A) be an institution of higher education (as defined in section 15801 of this title), including tribally controlled colleges or universities, located in a State described in subsection (a); or

(B) be a consortium including at least 1 such institution of higher education and industry, State agencies, Indian tribal agencies, National Laboratories, or local government agencies located in the State; and

(2) have proven experience and capabilities with relevant technologies.

(c) Authorization of appropriations

There are authorized to be appropriated to the Secretary to carry out this section \$25,000,000 for each of fiscal years 2008 through 2010.

(Pub. L. 110–140, title II, §223, Dec. 19, 2007, 121 Stat. 1533.)

EFFECTIVE DATE

Section effective on the date that is 1 day after Dec. 19, 2007, see section 1601 of Pub. L. 110–140, set out as a note under section 1824 of Title 2, The Congress.

§ 17033. Biofuels and biorefinery information center**(a) In general**

The Secretary, in cooperation with the Secretary of Agriculture, shall establish a biofuels