

(B) the availability of sufficient quantities of cellulosic biomass; or

(C) a high level of demand for fuel ethanol or other commercial byproducts of the facility.

**(e) Maturity**

A loan guaranteed under subsection (b) shall have a maturity of not more than 20 years.

**(f) Terms and conditions**

The loan agreement for a loan guaranteed under subsection (b) shall provide that no provision of the loan agreement may be amended or waived without the consent of the Secretary.

**(g) Assurance of repayment**

The Secretary shall require that an applicant for a loan guarantee under subsection (b) provide an assurance of repayment in the form of a performance bond, insurance, collateral, or other means acceptable to the Secretary in an amount equal to not less than 20 percent of the amount of the loan.

**(h) Guarantee fee**

The recipient of a loan guarantee under subsection (b) shall pay the Secretary an amount determined by the Secretary to be sufficient to cover the administrative costs of the Secretary relating to the loan guarantee.

**(i) Full faith and credit**

The full faith and credit of the United States is pledged to the payment of all guarantees made under this section. Any such guarantee made by the Secretary shall be conclusive evidence of the eligibility of the loan for the guarantee with respect to principal and interest. The validity of the guarantee shall be incontestable in the hands of a holder of the guaranteed loan.

**(j) Reports**

Until each guaranteed loan under this section has been repaid in full, the Secretary shall annually submit to Congress a report on the activities of the Secretary under this section.

**(k) Authorization of appropriations**

There are authorized to be appropriated such sums as are necessary to carry out this section.

**(l) Termination of authority**

The authority of the Secretary to issue a loan guarantee under subsection (b) terminates on the date that is 10 years after August 8, 2005.

(Pub. L. 109-58, title XV, §1510, Aug. 8, 2005, 119 Stat. 1085.)

**§ 16502. Advanced Biofuel Technologies Program**

**(a) In general**

Subject to the availability of appropriations under subsection (d), the Administrator of the Environmental Protection Agency shall, in consultation with the Secretary of Agriculture and the Biomass Research and Development Technical Advisory Committee established under section 8605<sup>1</sup> of title 7, establish a program, to be known as the “Advanced Biofuel Technologies Program”, to demonstrate advanced tech-

<sup>1</sup> See References in Text note below.

nologies for the production of alternative transportation fuels.

**(b) Priority**

In carrying out the program under subsection (a), the Administrator shall give priority to projects that enhance the geographical diversity of alternative fuels production and utilize feedstocks that represent 10 percent or less of ethanol or biodiesel fuel production in the United States during the previous fiscal year.

**(c) Demonstration projects**

**(1) In general**

As part of the program under subsection (a), the Administrator shall fund demonstration projects—

(A) to develop not less than 4 different conversion technologies for producing cellulosic biomass ethanol; and

(B) to develop not less than 5 technologies for coproducing value-added bioproducts (such as fertilizers, herbicides, and pesticides) resulting from the production of biodiesel fuel.

**(2) Administration**

Demonstration projects under this subsection shall be—

(A) conducted based on a merit-reviewed, competitive process; and

(B) subject to the cost-sharing requirements of section 16352 of this title.

**(d) Authorization of appropriations**

There are authorized to be appropriated to carry out this section \$110,000,000 for each of fiscal years 2005 through 2009.

(Pub. L. 109-58, title XV, §1514, Aug. 8, 2005, 119 Stat. 1090.)

REFERENCES IN TEXT

Section 8605 of title 7, referred to in subsec. (a), was repealed by Pub. L. 110-246, title IX, §9001(b), June 18, 2008, 122 Stat. 2095. Provisions relating to a Biomass Research and Development Technical Advisory Committee are now contained in section 8108(d) of title 7, Agriculture.

**§ 16503. Sugar ethanol loan guarantee program**

**(a) In general**

Funds may be provided for the cost (as defined in section 661a of title 2) of loan guarantees issued under title XIV<sup>1</sup> to carry out commercial demonstration projects for ethanol derived from sugarcane, bagasse, and other sugarcane byproducts.

**(b) Demonstration projects**

The Secretary may issue loan guarantees under this section to projects to demonstrate commercially the feasibility and viability of producing ethanol using sugarcane, sugarcane bagasse, and other sugarcane byproducts as a feedstock.

**(c) Requirements**

An applicant for a loan guarantee under this section may provide assurances, satisfactory to the Secretary, that—

<sup>1</sup> See References in Text note below.