

priate mechanical concerns applicable to these motor vehicle conversions. The Secretary shall ensure that, in the development of the program required under this section, original equipment manufacturers, fuel suppliers, companies that convert conventional vehicles to use alternative fuels, and other affected persons are consulted.

(Pub. L. 102-486, title IV, §411, Oct. 24, 1992, 106 Stat. 2885.)

### § 13238. Alternative fuel use in nonroad vehicles and engines

#### (a) Nonroad vehicles and engines

(1) The Secretary shall conduct a study to determine whether the use of alternative fuels in nonroad vehicles and engines would contribute substantially to reduced reliance on imported energy sources. Such study shall be completed, and the results thereof reported to Congress, within 2 years after October 24, 1992.

(2) The study shall assess the potential of nonroad vehicles and engines to run on alternative fuels. Taking into account the nonroad vehicles and engines for which running on alternative fuels is feasible, the study shall assess the potential reduction in reliance on foreign energy sources that could be achieved if such vehicles were to run on alternative fuels.

(3) The report required under paragraph (1) may include the Secretary's recommendations for encouraging or requiring nonroad vehicles and engines which can feasibly be run on alternative fuels, to utilize such alternative fuels.

#### (b) Definition of nonroad vehicles and engines

Nonroad vehicles and engines, for purposes of this section, shall include nonroad vehicles and engines used for surface transportation or principally for industrial or commercial purposes, vehicles used for rail transportation, vehicles used at airports, vehicles or engines used for marine purposes, and other vehicles or engines at the discretion of the Secretary.

#### (c) Designation

Upon completion of the study required pursuant to subsection (a) of this section, the Secretary may designate such vehicles and engines as qualifying for loans pursuant to section 13239 of this title.

(Pub. L. 102-486, title IV, §412, Oct. 24, 1992, 106 Stat. 2886.)

### § 13239. Low interest loan program

#### (a) Establishment

Within 1 year after October 24, 1992, the Secretary shall establish a program for making low interest loans, giving preference to small businesses that own or operate fleets, for—

- (1) the conversion of motor vehicles to operation on alternative fuels;
- (2) covering the incremental costs of the purchase of motor vehicles which operate on alternative fuels, when compared with purchase costs of comparable conventionally fueled motor vehicles; or
- (3) covering the incremental costs of purchase of non-road vehicles and engines designated by the Secretary pursuant to section 13238(c) of this title.

#### (b) Loan terms

The Secretary, to the extent practicable, shall establish reasonable terms for loans made under this subsection, with preference given to repayment schedules that enable such loans to be repaid by the borrower from the cost differential between gasoline and the alternative fuel on which the motor vehicle operates.

#### (c) Criteria

In deciding to whom loans shall be made under this subsection, the Secretary shall consider—

- (1) the financial need of the applicant;
- (2) the goal of assisting the greatest number of applicants; and
- (3) the ability of an applicant to repay the loan, taking into account the fuel cost savings likely to accrue to the applicant.

#### (d) Priorities

Priority shall be given under this section to fleets where the use of alternative fuels would have a significant beneficial effect on energy security and the environment.

#### (e) Authorization of appropriations

There are authorized to be appropriated to the Secretary for carrying out this section, \$25,000,000 for each of the fiscal years 1993, 1994, and 1995.

(Pub. L. 102-486, title IV, §414, Oct. 24, 1992, 106 Stat. 2886.)

### SUBCHAPTER III—AVAILABILITY AND USE OF REPLACEMENT FUELS, ALTERNATIVE FUELS, AND ALTERNATIVE FUELED PRIVATE VEHICLES

#### § 13251. Mandate for alternative fuel providers

##### (a) In general

(1) The Secretary shall, before January 1, 1994, issue regulations requiring that of the new light duty motor vehicles acquired by a covered person described in paragraph (2), the following percentages shall be alternative fueled vehicles for the following model years:

- (A) 30 percent for model year 1996.
- (B) 50 percent for model year 1997.
- (C) 70 percent for model year 1998.
- (D) 90 percent for model year 1999 and thereafter.

(2) For purposes of this section, a person referred to in paragraph (1) is—

- (A) a covered person whose principal business is producing, storing, refining, processing, transporting, distributing, importing, or selling at wholesale or retail any alternative fuel other than electricity;
- (B) a non-Federal covered person whose principal business is generating, transmitting, importing, or selling at wholesale or retail electricity; or
- (C) a covered person—
  - (i) who produces, imports, or produces and imports in combination, an average of 50,000 barrels per day or more of petroleum; and
  - (ii) a substantial portion of whose business is producing alternative fuels.

(3)(A) In the case of a covered person described in paragraph (2) with more than one affiliate, di-

vision, or other business unit, only an affiliate, division, or business unit which is substantially engaged in the alternative fuels business (as determined by the Secretary by rule) shall be subject to this subsection.

(B) No covered person or affiliate, division, or other business unit of such person whose principal business is—

- (i) transforming alternative fuels into a product that is not an alternative fuel; or
- (ii) consuming alternative fuels as a feedstock or fuel in the manufacture of a product that is not an alternative fuel,

shall be subject to this subsection.

(4) The vehicles purchased pursuant to this section shall be operated solely on alternative fuels except when operating in an area where the appropriate alternative fuel is unavailable.

(5) Regulations issued under paragraph (1) shall provide for the prompt exemption by the Secretary, through a simple and reasonable process, from the requirements of paragraph (1) of any covered person, in whole or in part, if such person demonstrates to the satisfaction of the Secretary that—

(A) alternative fueled vehicles that meet the normal requirements and practices of the principal business of that person are not reasonably available for acquisition; or

(B) alternative fuels that meet the normal requirements and practices of the principal business of that person are not available in the area in which the vehicles are to be operated.

**(b) Revisions and extensions**

With respect to model years 1997 and thereafter, the Secretary may—

(1) revise the percentage requirements under subsection (a)(1) downward, except that under no circumstances shall the percentage requirement for a model year be less than 20 percent; and

(2) extend the time under subsection (a)(1) for up to 2 model years.

**(c) Option for electric utilities**

The Secretary shall, within 1 year after October 24, 1992, issue regulations requiring that, in the case of a covered person whose principal business is generating, transmitting, importing, or selling at wholesale or retail electricity, the requirements of subsection (a)(1) shall not apply until after December 31, 1997, with respect to electric motor vehicles. Any covered person described in this subsection which plans to acquire electric motor vehicles to comply with the requirements of this section shall so notify the Secretary before January 1, 1996.

**(d) Report to Congress**

The Secretary shall, before January 1, 1998, submit a report to the Congress providing detailed information on actions taken to carry out this section, and the progress made and problems encountered thereunder.

(Pub. L. 102-486, title V, §501, Oct. 24, 1992, 106 Stat. 2887.)

**§ 13252. Replacement fuel supply and demand program**

**(a) Establishment of program**

The Secretary shall establish a program to promote the development and use in light duty

motor vehicles of domestic replacement fuels. Such program shall promote the replacement of petroleum motor fuels with replacement fuels to the maximum extent practicable. Such program shall, to the extent practicable, ensure the availability of those replacement fuels that will have the greatest impact in reducing oil imports, improving the health of our Nation's economy and reducing greenhouse gas emissions.

**(b) Development plan and production goals**

Under the program established under subsection (a), the Secretary, before October 1, 1993, in consultation with the Administrator, the Secretary of Transportation, the Secretary of Agriculture, the Secretary of Commerce, and the heads of other appropriate agencies, shall review appropriate information and—

(1) estimate the domestic and nondomestic production capacity for replacement fuels and alternative fueled vehicles needed to implement this section;

(2) determine the technical and economic feasibility of achieving the goals of producing sufficient replacement fuels to replace, on an energy equivalent basis—

(A) at least 10 percent by the year 2000; and

(B) at least 30 percent by the year 2010,

of the projected consumption of motor fuel in the United States for each such year, with at least one half of such replacement fuels being domestic fuels;

(3) determine the most suitable means and methods of developing and encouraging the production, distribution, and use of replacement fuels and alternative fueled vehicles in a manner that would meet the program goals described in subsection (a);

(4) identify ways to encourage the development of reliable replacement fuels and alternative fueled vehicle industries in the United States, and the technical, economic, and institutional barriers to such development; and

(5) determine the greenhouse gas emission implications of increasing the use of replacement fuels, including an estimate of the maximum feasible reduction in such emissions from the use of replacement fuels.

The Secretary shall publish in the Federal Register the results of actions taken under this subsection, and provide for an opportunity for public comment.

(Pub. L. 102-486, title V, §502, Oct. 24, 1992, 106 Stat. 2888.)

**§ 13253. Replacement fuel demand estimates and supply information**

**(a) Estimates**

Not later than October 1, 1993, and annually thereafter, the Secretary, in consultation with the Administrator, the Secretary of Transportation, and other appropriate State and Federal officials, shall estimate for the following calendar year—

(1) the number of each type of alternative fueled vehicle likely to be in use in the United States;

(2) the probable geographic distribution of such vehicles;