

(a) *Membership.* In addition to the Chair, the Working Group shall include deputy-level representatives or equivalent officials, designated by the head of the respective agency or office, from:

- (i) the Department of Defense;
- (ii) the Department of the Interior;
- (iii) the Department of Agriculture;
- (iv) the Department of Commerce;
- (v) the Department of Health and Human Services;
- (vi) the Department of Transportation;
- (vii) the Department of Energy;
- (viii) the Department of Homeland Security;
- (ix) the Environmental Protection Agency;
- (x) the Council on Environmental Quality;
- (xi) the Office of Science and Technology Policy;
- (xii) the Office of Management and Budget;
- (xiii) the National Economic Council; and
- (xiv) such other agencies or offices as the Chair may invite to participate.

(b) *Functions.* Consistent with the authorities and responsibilities of participating agencies and offices, the Working Group shall support the safe and responsible production of domestic unconventional natural gas by performing the following functions:

- (i) coordinate agency policy activities, ensuring their efficient and effective operation and facilitating cooperation among agencies, as appropriate;
- (ii) coordinate among agencies the sharing of scientific, environmental, and related technical and economic information;
- (iii) engage in long-term planning and ensure coordination among the appropriate Federal entities with respect to such issues as research, natural resource assessment, and the development of infrastructure;
- (iv) promote interagency communication with stakeholders; and
- (v) consult with other agencies and offices as appropriate.

SEC. 3. *General Provisions.* (a) This order shall be implemented consistent with applicable law and subject to the availability of appropriations.

(b) Nothing in this order shall be construed to impair or otherwise affect:

- (i) the authority granted by law to an executive department, agency, or the head thereof; or
- (ii) the functions of the Director of the Office of Management and Budget relating to budgetary, administrative, or legislative proposals.

(c) This order is not intended to, and does not, create any right or benefit, substantive or procedural, enforceable at law or in equity by any party against the United States, its departments, agencies, or entities, its officers, employees, or agents, or any other person.

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#### § 13414. Natural gas end-use technologies

The Secretary shall carry out a 5-year program, in accordance with sections 13541 and 13542 of this title, on new and advanced natural gas utilization technologies including, but not limited to—

- (1) stationary source emissions control and efficiency improvements including combustion systems, industrial processes, cogeneration, and waste fuels; and
- (2) natural gas storage including increased deliverability from existing gas storage facilities and new capabilities for storage near demand centers, and on-site storage at major energy consuming facilities.

(Pub. L. 102-486, title XX, § 2014, Oct. 24, 1992, 106 Stat. 3060.)

#### § 13415. Midcontinent Energy Research Center

##### (a) Finding

Congress finds that petroleum resources in the midcontinent region of the United States are very large but are being prematurely abandoned.

##### (b) Purposes

The purposes of this section are to—

- (1) improve the efficiency of petroleum recovery;
- (2) increase ultimate petroleum recovery; and
- (3) delay the abandonment of resources.

##### (c) Establishment

The Secretary may establish the Midcontinent Energy Research Center (referred to in this section as the “Center”) to—

- (1) conduct research in petroleum geology and engineering focused on improving the recovery of petroleum from existing fields and established plays in the upper midcontinent region of the United States; and
- (2) ensure that the results of the research described in paragraph (1) are transferred to users.

##### (d) Research

###### (1) In general

In conducting research under this section, the Center shall, to the extent practicable, cooperate with agencies of the Federal Government, the States in the midcontinent region of the United States, and the affected industry.

###### (2) Programs

Research programs conducted by the Center may include—

- (A) data base development and transfer of technology;
- (B) reservoir management;
- (C) reservoir characterization;
- (D) advanced recovery methods; and
- (E) development of new technology.

(Pub. L. 102-486, title XX, § 2015, Oct. 24, 1992, 106 Stat. 3060.)

#### PART B—OIL AND GAS DEMAND REDUCTION AND SUBSTITUTION

#### § 13431. General transportation

##### (a) Program direction

The Secretary shall conduct a 5-year program, in accordance with sections 13541 and 13542 of this title, on cost effective technologies to reduce the demand for oil in the transportation sector for all motor vehicles, including existing vehicles, through increased energy efficiency and the use of alternative fuels. Such program shall include a broad range of technological approaches, and shall include field demonstrations of sufficient scale and number in operating environments to prove technical and economic viability to meet the goals stated in section 13401 of this title. Such program shall include the activities required under sections 13432 through 13437 of this title, and ongoing activities of a similar nature at the Department of Energy.

##### (b) Program plan

Within 180 days after October 24, 1992, the Secretary shall prepare and submit to the Congress a 5-year program plan to guide activities under this part. In preparing the program plan, the Secretary shall consult with appropriate representatives of industry, utilities, institutions of higher education, Federal agencies, including

national laboratories, and professional and technical societies.

**(c) Proposals**

Within 1 year after October 24, 1992, the Secretary shall solicit proposals for conducting activities under this section.

**(d) "Alternative fuels" defined**

For purposes of this part, the term "alternative fuels" includes natural gas, liquefied petroleum gas, hydrogen, fuels other than alcohol that are derived from biological materials, and any fuel the content of which is at least 85 percent by volume methanol, ethanol, or other alcohol.

**(e) Authorization of appropriations**

(1) There are authorized to be appropriated to the Secretary for carrying out this part, including all transportation sector energy conservation research and development (other than activities under section 13435 of this title) and all transportation sector biofuels energy systems under solar energy, \$119,144,000 for fiscal year 1993 and \$160,000,000 for fiscal year 1994.

(2) There are authorized to be appropriated to the Secretary for carrying out section 13435 of this title—

- (A) \$60,300,000 for fiscal year 1993;
- (B) \$75,000,000 for fiscal year 1994;
- (C) \$80,000,000 for fiscal year 1995;
- (D) \$80,000,000 for fiscal year 1996;
- (E) \$90,000,000 for fiscal year 1997; and
- (F) \$100,000,000 for fiscal year 1998.

(Pub. L. 102-486, title XX, §2021, Oct. 24, 1992, 106 Stat. 3061.)

**§ 13432. Advanced automotive fuel economy**

**(a) Program direction**

The Secretary shall conduct a program, in accordance with sections 13541 and 13542 of this title, to supplement ongoing research activities of a similar nature at the Department of Energy, to accelerate the near-term and mid-term development of advanced technologies to improve the fuel economy of light-duty passenger vehicles powered by a piston engine, and hybrid vehicles powered by a combination of piston engine and electric motor.

**(b) Program goal**

The goal of the program established under subsection (a) shall be to stimulate the development of emerging technologies with the potential to achieve significant improvements in fuel economy while reducing emissions of air pollutants.

**(c) Proposals**

Within 1 year after October 24, 1992, the Secretary shall solicit proposals for conducting activities under this section, making a special effort to involve small businesses in the program.

(Pub. L. 102-486, title XX, §2022, Oct. 24, 1992, 106 Stat. 3061.)

**§ 13433. Alternative fuel vehicle program**

**(a) Program direction**

The Secretary shall carry out a program, in accordance with sections 13541 and 13542 of this

title, on techniques related to improving natural gas and other alternative fuel vehicle technology, including—

- (1) fuel injection;
- (2) carburetion;
- (3) manifolding;
- (4) combustion;
- (5) power optimization;
- (6) efficiency;
- (7) lubricants and detergents;
- (8) engine durability;
- (9) ignition, including fuel additives to assist ignition;
- (10) multifuel engines;
- (11) emissions control, including catalysts;
- (12) novel gas compression concepts;
- (13) advanced storage systems;
- (14) advanced gaseous fueling technologies; and
- (15) the incorporation of advanced materials in these areas.

**(b) Cooperative agreements and assistance**

The Secretary may enter into cooperative agreements with, and provide financial assistance to, public or private entities willing to provide 50 percent of the costs of a program to perform activities under subsection (a).

**(c) Definitions**

For purposes of this section—

- (1) the term "alternative fuel vehicle" means a motor vehicle that operates on alternative fuels; and
- (2) the term "motor vehicle" includes any automobile, truck, bus, van, or other on-road or off-road motor vehicle, including a boat.

(Pub. L. 102-486, title XX, §2023, Oct. 24, 1992, 106 Stat. 3062.)

**§ 13434. Biofuels user facility**

(a) The Secretary shall establish a biofuels user facility to expedite industry adoption of biofuels technologies, including production of alcohol fuels from biomass.

(b) The Secretary, through such universities and colleges as the Secretary determines are qualified, shall establish a program, in accordance with sections 13541 and 13542 of this title, with respect to the production and use of diesel fuels from vegetable oils or animal fats. The program shall investigate—

- (1) the economic feasibility of production of oilseed crops for biofuels purposes; and
- (2) the establishment of a mobile small-scale oilseed pressing and esterification unit and a stationary small-scale commercial oilseed pressing and esterification unit.

(Pub. L. 102-486, title XX, §2024, Oct. 24, 1992, 106 Stat. 3062.)

**§ 13435. Electric motor vehicles and associated equipment research and development**

**(a) General**

The Secretary shall conduct, pursuant to the Federal Nonnuclear Energy Research and Development Act of 1974 (42 U.S.C. 5901-5920), a research and development program on electric motor vehicles and associated equipment. Such program shall be conducted in cooperation with