

§ 2503. Duties of Secretary of Energy

(a) Establishment of project

The Secretary of Energy shall promptly establish, as an organizational entity within the Department of Energy, the Electric and Hybrid Vehicle Research, Development, and Demonstration Project.

(b) Management of project; arrangements with competent agencies

The Secretary of Energy shall have the responsibility for the overall management of the project. The Secretary of Energy may enter into any agreement or other arrangement with the National Aeronautics and Space Administration, the Department of Transportation, the National Science Foundation, the Environmental Protection Agency, the Department of Housing and Urban Development, the Department of Agriculture, or any other Federal agency, pursuant to which such agency shall conduct such specified parts or aspects of the project as the Secretary of Energy deems necessary or appropriate and within the particular competence of such agency, to the extent that such agency has capabilities which would enable it to contribute to the success of the project and the attainment of the purposes of this chapter.

(c) Promotion of research and development; demonstration projects; consumer needs; resulting changes

In providing for the effective management of this project, the Secretary of Energy shall have specific responsibility to—

- (1) promote basic and applied research on electric and hybrid vehicle batteries, controls, and motors;
- (2) determine optimum overall electric and hybrid vehicle design;
- (3) conduct demonstration projects with respect to the feasibility of commercial electric and hybrid vehicles (A) by contracting for the purchase or lease of electric and hybrid vehicles for practical use, and (B) by entering into arrangements, with other governmental entities and with nongovernmental entities, for the operation of such vehicles;
- (4) ascertain consumer needs and desires so as to match the design of electric and hybrid vehicles to their potential market; and
- (5) ascertain the long-term changes in road design, urban planning, traffic management, maintenance facilities, utility rate structures, and tax policies which are needed to facilitate the manufacture and use of electric and hybrid vehicles in accordance with sections 2512 and 2513¹ of this title.

(Pub. L. 94-413, § 4, Sept. 17, 1976, 90 Stat. 1262; Pub. L. 95-91, title III, § 301(a), Aug. 4, 1977, 91 Stat. 577.)

REFERENCES IN TEXT

Section 2513 of this title, referred to in subsec. (c)(5), was repealed by Pub. L. 104-66, title I, § 1051(o), Dec. 21, 1995, 109 Stat. 717.

TRANSFER OF FUNCTIONS

“Department of Energy” substituted for “Energy Research and Development Administration” in subsec.

¹ See References in Text note below.

(a), and “Secretary of Energy” substituted for “Administrator” wherever appearing, pursuant to section 301(a) of Pub. L. 95-91, see Codification note set out under section 2502 of this title.

§ 2504. Coordination between Secretary of Energy and other agencies

(a) Consultation with Secretary of Transportation

In carrying out the project established under section 2503 of this title, the Secretary of Energy shall, to the maximum extent practicable, consult and coordinate with the Secretary of Transportation, with respect to any functions of the Secretary of Energy under this chapter which relate to regulatory activities or other responsibilities of the Secretary of Transportation, including safety and damageability programs.

(b) Assistance from other agencies

Each department, agency, and instrumentality of the executive branch of the Federal Government shall carefully consider any written request from the Secretary of Energy, or the head of any agency to which the Secretary of Energy has delegated responsibility for specified parts or aspects of the project, to furnish such assistance, on a reimbursable basis, as the Secretary of Energy or such head deems necessary to carry out the project and to achieve the purposes of this chapter. Such assistance may include transfer of personnel with their consent and without prejudice to their position and rating.

(Pub. L. 94-413, § 5, Sept. 17, 1976, 90 Stat. 1262; Pub. L. 95-91, title III, § 301(a), Aug. 4, 1977, 91 Stat. 577.)

CODIFICATION

In subsec. (a), “Secretary of Transportation” substituted for “Secretary” for clarity, see Codification note set out under section 2502 of this title.

TRANSFER OF FUNCTIONS

“Secretary of Energy” substituted in text for “Administrator” pursuant to section 301(a) of Pub. L. 95-91, see Codification note set out under section 2502 of this title.

§ 2505. Research and development

The Secretary of Energy, acting through appropriate agencies and contractors, shall initiate and provide for the conduct of research and development in areas related to electric and hybrid vehicles, including—

- (1) energy storage technology, including batteries and their potential for convenient recharging;
- (2) vehicle control systems and overall design for energy conservation, including the use of regenerative braking;
- (3) urban design and traffic management to promote maximum transportation-related energy conservation and minimum transportation-related degradation of the environment; and
- (4) vehicle design which emphasizes durability, length of practical lifetime, ease of repair, and interchangeability and replaceability of parts.

(Pub. L. 94-413, § 6, Sept. 17, 1976, 90 Stat. 1263; Pub. L. 95-91, title III, § 301(a), Aug. 4, 1977, 91 Stat. 577.)