

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 (c)(5), was repealed by Pub.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. (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.

¹ See References in Text note below.

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.)

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.

§ 2506. Demonstrations

(a) Data development; baseline data; acquisition of vehicles

Within 12 months after September 17, 1976, the Secretary of Energy shall develop data characterizing the present state-of-the-art with respect to electric and hybrid vehicles. The data so developed shall serve as baseline data to be utilized in order (1) to compare improvements in electric and hybrid vehicle technologies; (2) to assist in establishing the performance standards under subsection (b)(1); and (3) to otherwise assist in carrying out the purposes of this section. In developing any such data, the Secretary of Energy shall purchase or lease a reasonable number of such vehicles or enter into such other arrangements as the Secretary of Energy deems necessary to carry out the purposes of this subsection.

(b) Performance standards; factors considered; vehicle uses; revision; transmission of standards to Congress

(1) Within 15 months after September 17, 1976, the Secretary of Energy shall promulgate rules establishing performance standards for electric and hybrid vehicles to be purchased or leased pursuant to subsection (c)(1). The standards so developed shall take into account the factors of energy conservation, urban traffic characteristics, patterns of use for “second” vehicles, consumer preferences, maintenance needs, battery recharging characteristics, agricultural require-