

SUBCHAPTER IX—RESEARCH AND
DEVELOPMENT

§ 16181. Goals

(a) In general

In order to achieve the purposes of this subchapter, the Secretary shall conduct a balanced set of programs of energy research, development, demonstration, and commercial application with the general goals of—

- (1) increasing the efficiency of all energy intensive sectors through conservation and improved technologies;
- (2) promoting diversity of energy supply;
- (3) decreasing the dependence of the United States on foreign energy supplies;
- (4) improving the energy security of the United States; and
- (5) decreasing the environmental impact of energy-related activities.

(b) Goals

The Secretary shall publish measurable cost and performance-based goals, comparable over time, with each annual budget submission in at least the following areas:

- (1) Energy efficiency for buildings, energy-consuming industries, and vehicles.
- (2) Electric energy generation (including distributed generation), transmission, and storage.
- (3) Renewable energy technologies, including wind power, photovoltaics, solar thermal systems, geothermal energy, hydrogen-fueled systems, biomass-based systems, biofuels, and hydropower.
- (4) Fossil energy, including power generation, onshore and offshore oil and gas resource recovery, and transportation fuels.
- (5) Nuclear energy, including programs for existing and advanced reactors, and education of future specialists.

(c) Public comment

The Secretary shall provide mechanisms for input on the annually published goals from industry, institutions of higher education, and other public sources.

(d) Effect of goals

Nothing in subsection (a) or the annually published goals creates any new authority for any Federal agency, or may be used by any Federal agency, to support the establishment of regulatory standards or regulatory requirements.

(Pub. L. 109-58, title IX, §902, Aug. 8, 2005, 119 Stat. 856.)

Editorial Notes

REFERENCES IN TEXT

This subchapter, referred to in subsec. (a), was in the original “this title”, meaning title IX of Pub. L. 109-58, Aug. 8, 2005, 119 Stat. 856, which enacted this subchapter, amended sections 8101 and 8102 of Title 7, Agriculture, and section 5523 of Title 15, Commerce and Trade, enacted provisions set out as notes under section 15801 of this title, section 8102 of Title 7, and section 2001 of Title 30, Mineral Lands and Mining, and amended provisions set out as notes under section 8101 of Title 7 and section 1902 of Title 30. For complete classification of title IX to the Code, see Short Title note set out under section 15801 of this title and Tables.

Statutory Notes and Related Subsidiaries

SHORT TITLE

For short title of title IX of Pub. L. 109-58, which enacted this subchapter, as the “Energy Research, Development, Demonstration, and Commercial Application Act of 2005”, see section 431 of Pub. L. 109-58, set out as a note under section 15801 of this title.

§ 16182. Definitions

In this subchapter:

(1) Departmental mission

The term “departmental mission” means any of the functions vested in the Secretary by the Department of Energy Organization Act (42 U.S.C. 7101 et seq.) or other law.

(2) Hispanic-serving institution

The term “Hispanic-serving institution” has the meaning given the term in section 1101a(a) of title 20.

(3) Nonmilitary energy laboratory

The term “nonmilitary energy laboratory” means a National Laboratory other than a National Laboratory listed in subparagraph (G), (H), or (N) of section 15801(3) of this title.

(4) Part B institution

The term “part B institution” has the meaning given the term in section 1061 of title 20.

(5) Single-purpose research facility

The term “single-purpose research facility” means—

- (A) any of the primarily single-purpose entities owned by the Department; or
- (B) any other organization of the Department designated by the Secretary.

(6) University

The term “university” has the meaning given the term “institution of higher education” in section 1001 of title 20.

(Pub. L. 109-58, title IX, §903, Aug. 8, 2005, 119 Stat. 856.)

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The Department of Energy Organization Act, referred to in par. (1), is Pub. L. 95-91, Aug. 4, 1977, 91 Stat. 565, which is classified principally to chapter 84 (§7101 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7101 of this title and Tables.

§ 16183. Energy and water for sustainability

(a) Nexus of energy and water for sustainability

(1) Definitions

In this section: