

and shall determine whether information on transportation rates for rail and pipeline transport of domestic coal, oil, and gas during the period of January 1, 1988, through December 31, 1997, is reasonably available. If he determines that such information is not reasonably available, the Secretary shall establish a data base containing, to the maximum extent practicable, information on all such rates. The confidentiality of contract rates shall be preserved. To obtain data pertaining to rail contract rates, the Secretary shall acquire such data in aggregate form only from the Surface Transportation Board, under terms and conditions that maintain the confidentiality of such rates.

(b) Study

The Energy Information Administration shall determine the extent to which any agency of the Federal Government is studying the rates and distribution patterns of domestic coal, oil, and gas to determine the impact of the Clean Air Act [42 U.S.C. 7401 et seq.] as amended by the Act entitled “An Act to amend the Clean Air Act to provide for attainment and maintenance of health protective national ambient air quality standards, and for other purposes.”, enacted November 15, 1990 (Public Law 101-549), and other Federal policies on such rates and distribution patterns. If the Energy Information Administration finds that no such study is underway, or that reports of the results of such study will not be available to the Congress providing the information specified in this subsection and subsection (a) of this section by the dates established in subsection (c) of this section, the Energy Information Administration shall initiate such a study.

(c) Reports to Congress

Within one year after October 24, 1992, the Secretary shall report to the Congress on the determination the Energy Information Administration is required to make under subsection (b) of this section. Within three years after October 24, 1992, the Secretary shall submit reports on any data base or study developed under this section. Any such reports shall be updated and resubmitted to the Congress within eight years after October 24, 1992. If the Energy Information Administration has determined pursuant to subsection (b) of this section that another study or studies will provide all or part of the information called for in this section, the Secretary shall transmit the results of that study by the dates established in this subsection, together with his comments.

(d) Consultation with other agencies

The Secretary and the Energy Information Administration shall consult with the Chairmen of the Federal Energy Regulatory Commission and the Surface Transportation Board in implementing this section.

(Pub. L. 102-486, title XIII, § 1340, Oct. 24, 1992, 106 Stat. 2992; Pub. L. 104-88, title III, § 320, Dec. 29, 1995, 109 Stat. 949.)

REFERENCES IN TEXT

The Clean Air Act, referred to in subsec. (b), is act July 14, 1955, ch. 360, 69 Stat. 322, as amended, which is classified generally to chapter 85 (§7401 et seq.) of this

title. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of this title and Tables.

An Act to amend the Clean Air Act to provide for attainment and maintenance of health protective national ambient air quality standards, and for other purposes, referred to in subsec. (b), is Pub. L. 101-549, Nov. 15, 1990, 104 Stat. 2399, popularly known as the Clean Air Act Amendments of 1990. For complete classification of this Act to the Code, see Short Title of 1990 Amendment note set out under section 7401 of this title and Tables.

AMENDMENTS

1995—Subsecs. (a), (d). Pub. L. 104-88 substituted “Surface Transportation Board” for “Interstate Commerce Commission”.

EFFECTIVE DATE OF 1995 AMENDMENT

Amendment by Pub. L. 104-88 effective Jan. 1, 1996, see section 2 of Pub. L. 104-88, set out as an Effective Date note under section 701 of Title 49, Transportation.

§ 13370. Authorization of appropriations

There are authorized to be appropriated to the Secretary for carrying out this part, other than section 13362¹ of this title, such sums as may be necessary for fiscal years 1993 through 1998.

(Pub. L. 102-486, title XIII, § 1341, Oct. 24, 1992, 106 Stat. 2993.)

REFERENCES IN TEXT

Section 13362 of this title, referred to in text, was in the original “section 1322” and was translated as reading “section 1332” meaning section 1332 of Pub. L. 102-486, to reflect the probable intent of Congress, because Pub. L. 102-486 does not contain a section 1322.

SUBCHAPTER VII—GLOBAL CLIMATE CHANGE

§ 13381. Report

Not later than 2 years after October 24, 1992, the Secretary shall submit a report to the Congress that includes an assessment of—

(1) the feasibility and economic, energy, social, environmental, and competitive implications, including implications for jobs, of stabilizing the generation of greenhouse gases in the United States by the year 2005;

(2) the recommendations made in chapter 9 of the 1991 National Academy of Sciences report entitled “Policy Implications of Greenhouse Warming”, including an analysis of the benefits and costs of each recommendation;

(3) the extent to which the United States is responding, compared with other countries, to the recommendations made in chapter 9 of the 1991 National Academy of Sciences report;

(4) the feasibility of reducing the generation of greenhouse gases;

(5) the feasibility and economic, energy, social, environmental, and competitive implications, including implications for jobs, of achieving a 20 percent reduction from 1988 levels in the generation of carbon dioxide by the year 2005 as recommended by the 1988 Toronto Scientific World Conference on the Changing Atmosphere;

(6) the potential economic, energy, social, environmental, and competitive implications,

¹ See References in Text note below.

including implications for jobs, of implementing the policies necessary to enable the United States to comply with any obligations under the United Nations Framework Convention on Climate Change or subsequent international agreements.

(Pub. L. 102-486, title XVI, § 1601, Oct. 24, 1992, 106 Stat. 2999.)

§ 13382. Least-cost energy strategy

(a) Strategy

The first National Energy Policy Plan (in this subchapter referred to as the “Plan”) under section 7321 of this title prepared and required to be submitted by the President to Congress after February 1, 1993, and each subsequent such Plan, shall include a least-cost energy strategy prepared by the Secretary. In developing the least-cost energy strategy, the Secretary shall take into consideration the economic, energy, social, environmental, and competitive costs and benefits, including costs and benefits for jobs, of his choices. Such strategy shall also take into account the report required under section 13381 of this title and relevant Federal, State, and local requirements. Such strategy shall be designed to achieve to the maximum extent practicable and at least-cost to the Nation—

- (1) the energy production, utilization, and energy conservation priorities of subsection (d) of this section;
- (2) the stabilization and eventual reduction in the generation of greenhouse gases;
- (3) an increase in the efficiency of the Nation’s total energy use by 30 percent over 1988 levels by the year 2010;
- (4) an increase in the percentage of energy derived from renewable resources by 75 percent over 1988 levels by the year 2005; and
- (5) a reduction in the Nation’s oil consumption from the 1990 level of approximately 40 percent of total energy use to 35 percent by the year 2005.

(b) Additional contents

The least-cost energy strategy shall also include—

- (1) a comprehensive inventory of available energy and energy efficiency resources and their projected costs, taking into account all costs of production, transportation, distribution, and utilization of such resources, including—
 - (A) coal, clean coal technologies, coal seam methane, and underground coal gasification;
 - (B) energy efficiency, including existing technologies for increased efficiency in production, transportation, distribution, and utilization of energy, and other technologies that are anticipated to be available through further research and development; and
 - (C) other energy resources, such as renewable energy, solar energy, nuclear fission, fusion, geothermal, biomass, fuel cells, hydropower, and natural gas;
- (2) a proposed two-year program for ensuring adequate supplies of the energy and energy efficiency resources and technologies described in paragraph (1), and an identification of ad-

ministrative actions that can be undertaken within existing Federal authority to ensure their adequate supply;

(3) estimates of life-cycle costs for existing energy production facilities;

(4) basecase forecasts of short-term and long-term national energy needs under low and high case assumptions of economic growth; and

(5) an identification of all applicable Federal authorities needed to achieve the purposes of this section, and of any inadequacies in those authorities.

(c) Secretarial consideration

In developing the least-cost energy strategy, the Secretary shall give full consideration to—

(1) the relative costs of each energy and energy efficiency resource based upon a comparison of all direct and quantifiable net costs for the resource over its available life, including the cost of production, transportation, distribution, utilization, waste management, environmental compliance, and, in the case of imported energy resources, maintaining access to foreign sources of supply; and

(2) the economic, energy, social, environmental, and competitive consequences resulting from the establishment of any particular order of Federal priority as determined under subsection (d) of this section.

(d) Priorities

The least-cost energy strategy shall identify Federal priorities, including policies that—

- (1) implement standards for more efficient use of fossil fuels;
- (2) increase the energy efficiency of existing technologies;
- (3) encourage technologies, including clean coal technologies, that generate lower levels of greenhouse gases;
- (4) promote the use of renewable energy resources, including solar, geothermal, sustainable biomass, hydropower, and wind power;
- (5) affect the development and consumption of energy and energy efficiency resources and electricity through tax policy;
- (6) encourage investment in energy efficient equipment and technologies; and
- (7) encourage the development of energy technologies, such as advanced nuclear fission and nuclear fusion, that produce energy without greenhouse gases as a byproduct, and encourage the deployment of nuclear electric generating capacity.

(e) Assumptions

The Secretary shall include in the least-cost energy strategy an identification of all of the assumptions used in developing the strategy and priorities thereunder, and the reasons for such assumptions.

(f) Preference

When comparing an energy efficiency resource to an energy resource, a higher priority shall be assigned to the energy efficiency resource whenever all direct and quantifiable net costs for the resource over its available life are equal to the estimated cost of the energy resource.

(g) Public review and comment

The Secretary shall provide for a period of public review and comment of the least-cost en-