

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, 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);

(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, hydro-power, 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 administrative 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).

(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;