



Climate Change Statutes

UNITED STATES FEDERAL LAWS

This project was undertaken in partnership with the USDA Office of the Chief Economist, The Office of Energy Policy and New Uses. For information on the full project, visit [Climate Change Statutes](#).

Current through the 2009 Legislative Session.

§ 17251. Carbon capture

(a) Program establishment

(1) In general

The Secretary shall carry out a program to demonstrate technologies for the large-scale capture of carbon dioxide from industrial sources. In making awards under this program, the Secretary shall select, as appropriate, a diversity of capture technologies to address the need to capture carbon dioxide from a range of industrial sources.

(2) Scope of award

Awards under this section shall be only for the portion of the project that--

(A) carries out the large-scale capture (including purification and compression) of carbon dioxide from industrial sources;

(B) provides for the transportation and injection of carbon dioxide; and

(C) incorporates a comprehensive measurement, monitoring, and validation program.

(3) Preferences for award

To ensure reduced carbon dioxide emissions, the Secretary shall take necessary actions to provide for the integration of the program under this paragraph with the large-scale carbon dioxide sequestration tests described in [section 16293\(c\)\(3\)](#) of this title. These actions should not delay implementation of these tests. The Secretary shall give priority consideration to projects with the following characteristics:

(A) Capacity

Projects that will capture a high percentage of the carbon dioxide in the treated stream and large volumes of carbon dioxide as determined by the Secretary.

(B) Sequestration

Projects that capture carbon dioxide from industrial sources that are near suitable geological reservoirs and could continue sequestration including--

(i) a field testing validation activity under section 16293(c)(3) of this title; or

(ii) other geologic sequestration projects approved by the Secretary.

(4) Requirement

For projects that generate carbon dioxide that is to be sequestered, the carbon dioxide stream shall be of a sufficient purity level to allow for safe transport and sequestration.

(5) Cost-sharing

The cost-sharing requirements of section 16352 of this title for research and development projects shall apply to this section.

(b) Authorization of appropriations

There is authorized to be appropriated to the Secretary to carry out this section \$200,000,000 per year for fiscal years 2009 through 2013.

§ 17252. Review of large-scale programs

The Secretary shall enter into an arrangement with the National Academy of Sciences for an independent review and oversight, beginning in 2011, of the programs under section 16293(c)(3) of this title, and under section 17251 of this title, to ensure that the benefits of such programs are maximized. Not later than January 1, 2012, the Secretary shall transmit to the Congress a report on the results of such review and oversight.