

Calendar No. 553

110TH CONGRESS
1ST SESSION

S. 1523

[Report No. 110-254]

To amend the Clean Air Act to reduce emissions of carbon dioxide from the Capitol power plant.

IN THE SENATE OF THE UNITED STATES

MAY 24, 2007

Mrs. BOXER (for herself, Mr. ALEXANDER, Mr. WARNER, Mr. McCONNELL, and Mr. LIEBERMAN) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

DECEMBER 19, 2007

Reported by Mrs. BOXER, without amendment

A BILL

To amend the Clean Air Act to reduce emissions of carbon dioxide from the Capitol power plant.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. CAPITOL POWER PLANT CARBON DIOXIDE**
4 **EMISSIONS DEMONSTRATION PROGRAM.**

5 Section 118 of the Clean Air Act (42 U.S.C. 7418)
6 is amended by adding at the end the following:

1 “(e) CAPITOL POWER PLANT CARBON DIOXIDE
2 EMISSIONS DEMONSTRATION PROGRAM.—

3 “(1) DEFINITIONS.—In this subsection:

4 “(A) CAPITOL POWER PLANT.—The term
5 ‘Capitol power plant’ means the power plant
6 constructed in the vicinity of the Capitol Com-
7 plex, Washington, DC, pursuant to the first
8 section of the Act of April 28, 1904 (33 Stat.
9 479, chapter 1762), and designated under the
10 first section of the Act of March 4, 1911 (2
11 U.S.C. 2162).

12 “(B) CARBON DIOXIDE ENERGY EFFI-
13 CIENCY.—The term ‘carbon dioxide energy effi-
14 ciency’, with respect to a project, means the
15 quantity of electricity used to power equipment
16 for carbon dioxide capture and storage or use.

17 “(C) PROGRAM.—The term ‘program’
18 means the competitive grant demonstration pro-
19 gram established under paragraph (2).

20 “(2) ESTABLISHMENT OF PROGRAM.—The Ad-
21 ministrator shall establish a competitive grant dem-
22 onstration program under which the Administrator
23 shall provide to eligible entities, as determined by
24 the Administrator, grants to carry out projects to
25 demonstrate, during the 2-year period beginning on

1 the date of enactment of this subsection, the capture
2 and storage or use of carbon dioxide emitted from
3 the Capitol power plant as a result of burning coal.

4 “(3) REQUIREMENTS.—

5 “(A) PROVISION OF GRANTS.—

6 “(i) IN GENERAL.—The Administrator
7 shall provide the grants under the program
8 on a competitive basis.

9 “(ii) FACTORS FOR CONSIDER-
10 ATION.—In providing grants under the
11 program, the Administrator shall take into
12 consideration—

13 “(I) the practicability of conver-
14 sion by the proposed project of carbon
15 dioxide into useful products, such as
16 transportation fuel;

17 “(II) the carbon dioxide energy
18 efficiency of the proposed project; and

19 “(III) whether the proposed
20 project is able to reduce more than 1
21 air pollutant regulated under this Act.

22 “(B) REQUIREMENTS FOR ENTITIES.—An
23 entity that receives a grant under the program
24 shall—

1 “(i) use to carry out the project of the
2 entity a technology designed to reduce or
3 eliminate emission of carbon dioxide that is
4 in existence on the date of enactment of
5 this subsection that has been used—

6 “(I) by not less than 3 other fa-
7 cilities (including a coal-fired power
8 plant); and

9 “(II) on a scale of not less than
10 5 times the size of the proposed
11 project of the entity at the Capitol
12 power plant; and

13 “(ii) carry out the project of the enti-
14 ty in consultation and concurrence with the
15 Architect of the Capitol.

16 “(4) INCENTIVE.—In addition to the grant
17 under this subsection, the Administrator may pro-
18 vide to an entity that receives such a grant an incen-
19 tive award in an amount equal to not more than
20 \$50,000, of which—

21 “(A) \$15,000 shall be provided after the
22 project of the entity has sustained operation for
23 a period of 100 days, as determined by the Ad-
24 ministrator;

1 “(B) \$15,000 shall be provided after the
2 project of the entity has sustained operation for
3 a period of 200 days, as determined by the Ad-
4 ministrators; and

5 “(C) \$20,000 shall be provided after the
6 project of the entity has sustained operation for
7 a period of 300 days, as determined by the Ad-
8 ministrators.

9 “(5) TERMINATION.—The program shall termi-
10 nate on the date that is 2 years after the date of en-
11 actment of this subsection.

12 “(6) AUTHORIZATION OF APPROPRIATIONS.—
13 There is authorized to be appropriated to carry out
14 the program \$3,000,000.”.

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