

116TH CONGRESS
1ST SESSION

S. 3047

To amend the Energy Policy Act of 2005 to require the Secretary of Energy to establish a carbon technologies program, and for other purposes.

IN THE SENATE OF THE UNITED STATES

DECEMBER 12, 2019

Mr. BARRASSO (for himself, Mrs. CAPITO, and Mr. MANCHIN) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To amend the Energy Policy Act of 2005 to require the Secretary of Energy to establish a carbon technologies program, and for other purposes.

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. SHORT TITLE.**

4 This Act may be cited as the “Creating Opportunities
5 And Leveraging Technologies for Coal Carbon Act of
6 2019” or the “COAL TeCC Act of 2019”.

1 **SEC. 2. CARBON TECHNOLOGIES PROGRAM.**

2 (a) IN GENERAL.—Subtitle F of title IX of the En-
 3 ergy Policy Act of 2005 (42 U.S.C. 16291 et seq.) is
 4 amended by adding at the end the following:

5 **“SEC. 969. CARBON TECHNOLOGIES PROGRAM.**

6 “(a) IN GENERAL.—The Secretary shall establish a
 7 program of research, development, and demonstration for
 8 carbon engineering solutions to enable new uses for coal-
 9 derived carbon, including the use and conversion of raw
 10 coal and processed coal products in all phases, for—

11 “(1) commercial purposes;

12 “(2) industrial purposes;

13 “(3) defense and military purposes;

14 “(4) agricultural purposes, including soil
 15 amendments and fertilizers;

16 “(5) medical and pharmaceutical applications;

17 “(6) construction and building applications;

18 “(7) energy applications; and

19 “(8) production of critical minerals.

20 “(b) STUDY.—The Secretary, acting jointly with the
 21 Secretary of Agriculture, the Administrator of the Envi-
 22 ronmental Protection Agency, the Secretary of Commerce,
 23 and the Secretary of Defense, shall conduct a study to
 24 determine the feasibility of, and opportunities for, the
 25 commercialization of coal-derived carbon products.

1 “(c) REPORT.—Not later than 180 days after the
 2 date on which funds are first disbursed under the program
 3 established under subsection (a), the Secretary shall sub-
 4 mit to Congress a report that—

5 “(1) describes the progress and results of the
 6 program;

7 “(2) includes an analysis of the feasibility of
 8 the new uses for coal-derived carbon researched, de-
 9 veloped, and demonstrated under subsection (a); and

10 “(3) makes recommendations for the establish-
 11 ment of a coal-carbon products center of excellence
 12 in the 2 major coal-producing regions of the United
 13 States.

14 “(d) FUNDING.—Out of amounts made available to
 15 the Secretary and not otherwise obligated, the Secretary
 16 shall use to carry out this section \$5,000,000 for each of
 17 fiscal years 2020 through 2024.”.

18 (b) CONFORMING AMENDMENT.—The table of con-
 19 tents for the Energy Policy Act of 2005 (Public Law 109–
 20 58; 119 Stat. 600) is amended by adding at the end of
 21 the items relating to subtitle F of title IX the following:

“Sec. 969. Carbon technologies program.”.

22 **SEC. 3. PILOT AND DEMONSTRATION PROGRAMS FOR THE**
 23 **PURPOSE OF COMMERCIALIZATION.**

24 (a) IN GENERAL.—Not later than 180 days after the
 25 date of enactment of this Act, the Secretary of Energy

1 shall establish a 2-year pilot and demonstration program
2 in each of the 2 major coal-producing regions of the
3 United States for the purpose of partnering with private
4 institutions in coal mining regions to accelerate the com-
5 mercial deployment of coal-carbon products.

6 (b) FUNDING.—Out of amounts made available to the
7 Secretary and not otherwise obligated, the Secretary shall
8 use to carry out subsection (a) \$4,000,000 for each of fis-
9 cal years 2020 through 2025, to be split equally between
10 the 2 pilot and demonstration programs established under
11 subsection (a).

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