

113TH CONGRESS  
2D SESSION

# H. R. 4553

To authorize appropriations for fossil energy research and development programs at the Department of Energy, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

MAY 1, 2014

Mr. MCKINLEY (for himself, Mr. RAHALL, Mrs. CAPITO, Mr. BARR, Mr. MURPHY of Pennsylvania, Mr. DOYLE, Mr. ENYART, and Mr. CRAMER) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

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## A BILL

To authorize appropriations for fossil energy research and development programs at the Department of Energy, 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 “Fossil Energy Encour-  
5 agement and Accountability Act of 2014”.

6 **SEC. 2. FINDINGS.**

7 The Congress finds that—

8 (1) the United States depends on fossil re-  
9 sources for over 80 percent of its energy needs;

1           (2) the Department of Energy’s Fossil Energy  
2           Research and Development program focuses on de-  
3           veloping affordable, safe, and clean mechanisms to  
4           enhance and utilize domestic fossil energy resources  
5           in the most efficient manner;

6           (3) the investment in this program supports an  
7           existing research and development portfolio of over  
8           1,000 projects that includes nearly \$7 billion in pri-  
9           vate sector-contributed costs and that represents  
10          over 55,000 job years;

11          (4) the Fossil Energy Research and Develop-  
12          ment program is responsible for developing innova-  
13          tive control technologies that are now in operation  
14          on three out of every four coal-burning power plants  
15          in the United States;

16          (5) as a result of these technology innovations,  
17          emissions of criterion pollutants such as sulphur di-  
18          oxide and nitrogen oxide have decreased by an aver-  
19          age of 85 percent, which eliminated problems associ-  
20          ated with acid rain;

21          (6) hydraulic fracturing of natural gas shale is  
22          a product of research and technological innovations  
23          initiated under the Department of Energy’s Fossil  
24          Energy Research and Development program;

1           (7) the Fossil Energy Research and Develop-  
2           ment program is currently developing advanced tech-  
3           nologies to support a competitive future for our low-  
4           cost coal and gas resources for use in power genera-  
5           tion and industrial applications;

6           (8) these advanced technologies will support  
7           new power platforms of the future that will be highly  
8           efficient, including technologies such as ultra super-  
9           critical materials production, advanced gas turbines,  
10          gasification platforms that can also enable the ex-  
11          pansion of domestic fuels, the liquids and chemical  
12          industry, and advanced energy platforms including  
13          pressured oxycoal combustion and chemical looping;  
14          and

15          (9) it is important that the Department of En-  
16          ergy continue to develop these technologies and have  
17          sufficient funds to ensure that a diverse portfolio of  
18          options are available to ensure that the United  
19          States can compete in a clean energy future, one  
20          which will include significant fossil fuel resources.

21 **SEC. 3. FOSSIL ENERGY RESEARCH AND DEVELOPMENT.**

22          There are authorized to be appropriated to the Sec-  
23          retary of Energy for fiscal year 2015 for fossil energy re-  
24          search and development \$734,000,000, of which—

1           (1) \$435,000,000 shall be for coal research and  
2           development;

3           (2) \$171,000,000 shall be for program direc-  
4           tion;

5           (3) \$100,000,000 shall be for natural gas and  
6           oil research and development;

7           (4) \$17,000,000 shall be for plant and capital  
8           equipment; and

9           (5) \$11,000,000 shall be for environmental res-  
10          toration.

11 **SEC. 4. NATIONAL ENERGY TECHNOLOGY LABORATORY.**

12          None of the funds authorized by section 2 may be  
13          used to—

14           (1) transform any element of the National En-  
15           ergy Technology Laboratory into a government-  
16           owned, contractor-operated laboratory, or to consider  
17           or plan for any such transformation;

18           (2) consolidate or close any element of the Na-  
19           tional Energy Technology Laboratory; or

20           (3) transfer National Energy Technology Lab-  
21           oratory human resources functions from any labora-  
22           tory.

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