

AMENDMENT NO. _____ Calendar No. _____

Purpose: In the nature of a substitute.

IN THE SENATE OF THE UNITED STATES—116th Cong., 1st Sess.

S. 1052

To authorize the Office of Fossil Energy to develop advanced separation technologies for the extraction and recovery of rare earth elements and minerals from coal and coal byproducts, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended
to be proposed by _____

Viz:

1 Strike all after the enacting clause and insert the fol-
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Rare Earth Element
5 Advanced Coal Technologies Act”.

6 **SEC. 2. PROGRAM FOR EXTRACTION AND RECOVERY OF**
7 **RARE EARTH ELEMENTS AND MINERALS**
8 **FROM COAL AND COAL BYPRODUCTS.**

9 (a) IN GENERAL.—The Secretary of Energy, acting
10 through the Assistant Secretary for Fossil Energy (re-
11 ferred to in this Act as the “Secretary”), shall carry out

1 a program under which the Secretary shall develop ad-
2 vanced separation technologies for the extraction and re-
3 covery of rare earth elements and minerals from coal and
4 coal byproducts.

5 (b) AUTHORIZATION OF APPROPRIATIONS.—There is
6 authorized to be appropriated to the Secretary to carry
7 out the program described in subsection (a) \$23,000,000
8 for each of fiscal years 2020 through 2027.

9 **SEC. 3. REPORT.**

10 Not later than 1 year after the date of enactment
11 of this Act, the Secretary shall submit to the Committee
12 on Energy and Natural Resources of the Senate and the
13 Committee on Energy and Commerce of the House of
14 Representatives a report evaluating the development of ad-
15 vanced separation technologies for the extraction and re-
16 covery of rare earth elements and minerals from coal and
17 coal byproducts, including acid mine drainage from coal
18 mines.