

119TH CONGRESS
1ST SESSION

H. R. 3617

To amend the Department of Energy Organization Act to secure the supply of critical energy resources, including critical minerals and other materials, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MAY 29, 2025

Mr. JAMES (for himself, Mr. OBERNOLTE, and Mrs. MILLER-MEEKS) introduced the following bill; which was referred to the Committee on Energy and Commerce

A BILL

To amend the Department of Energy Organization Act to secure the supply of critical energy resources, including critical minerals and other materials, 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 “Securing America’s
5 Critical Minerals Supply Act”.

1 **SEC. 2. AMENDMENT TO THE DEPARTMENT OF ENERGY OR-**
2 **GANIZATION ACT.**

3 The Department of Energy Organization Act (42
4 U.S.C. 7101 et seq.) is amended—

5 (1) in section 2, by adding at the end the fol-
6 lowing:

7 “(d) As used in sections 102(20) and 203(a)(12), the
8 term ‘critical energy resource’ means any energy re-
9 source—

10 “(1) that is essential to the energy sector and
11 energy systems of the United States; and

12 “(2) the supply chain of which is vulnerable to
13 disruption.”;

14 (2) in section 102, by adding at the end the fol-
15 lowing:

16 “(20) To ensure there is an adequate and reli-
17 able supply of critical energy resources that are es-
18 sential to the energy security of the United States.”;
19 and

20 (3) in section 203(a), by adding at the end the
21 following:

22 “(12) Functions that relate to securing the sup-
23 ply of critical energy resources, including identifying
24 and mitigating the effects of a disruption of such
25 supply on—

1 “(A) the development and use of energy
2 technologies; and

3 “(B) the operation of energy systems.”.

4 **SEC. 3. SECURING CRITICAL ENERGY RESOURCE SUPPLY**
5 **CHAINS.**

6 (a) IN GENERAL.—In carrying out the requirements
7 of the Department of Energy Organization Act (42 U.S.C.
8 7101 et seq.), the Secretary of Energy, in consultation
9 with the appropriate Federal agencies, representatives of
10 the energy sector, States, and other stakeholders, shall—

11 (1) conduct ongoing assessments of—

12 (A) energy resource criticality based on the
13 importance of critical energy resources to the
14 development of energy technologies and the sup-
15 ply of energy;

16 (B) the critical energy resource supply
17 chain of the United States;

18 (C) the vulnerability of such supply chain;

19 (D) how the energy security of the United
20 States is affected by the reliance of the United
21 States on importation of critical energy re-
22 sources; and

23 (E) how adversarial nations seek to exploit
24 critical energy resource markets to undermine
25 investment in the United States, which may in-

1 clude the extent to which adversarial nations
2 employ anti-competitive practices, price manipu-
3 lation, or human rights abuses in critical energy
4 resource production and exportation;

5 (2) facilitate development of strategies to
6 strengthen critical energy resource supply chains in
7 the United States, including by—

8 (A) diversifying the sources of the supply
9 of critical energy resources; and

10 (B) increasing domestic production, sepa-
11 ration, and processing of critical energy re-
12 sources;

13 (3) develop substitutes and alternatives to crit-
14 ical energy resources; and

15 (4) improve technology that reuses and recycles
16 critical energy resources.

17 (b) **CRITICAL ENERGY RESOURCE DEFINED.**—In
18 this section, the term “critical energy resource” has the
19 meaning given such term in section 2 of the Department
20 of Energy Organization Act (42 U.S.C. 7101).

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