

117TH CONGRESS
1ST SESSION

H. R. 1599

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

MARCH 3, 2021

Mr. UPTON 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 resource
9 that—

10 “(1) is essential to the energy sector and energy
11 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; and

18 (C) the vulnerability of such supply chain;

19 (2) strengthen critical energy resource supply
20 chains in the United States, including by—

21 (A) diversifying the sources of the supply
22 of critical energy resources; and

23 (B) increasing domestic production, sepa-
24 ration, and processing of critical energy re-
25 sources;

1 (3) develop substitutes and alternatives to crit-
2 ical energy resources;

3 (4) improve technology that reuses and recycles
4 critical energy resources; and

5 (5) evaluate how the energy security of the
6 United States is affected by the reliance of the
7 United States on importing critical energy resources.

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

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