

119TH CONGRESS
1ST SESSION

H. R. 3638

To direct the Secretary of Energy to prepare periodic assessments and submit reports on the supply chain for the generation and transmission of electricity, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MAY 29, 2025

Mr. LATTA introduced the following bill; which was referred to the Committee on Energy and Commerce

A BILL

To direct the Secretary of Energy to prepare periodic assessments and submit reports on the supply chain for the generation and transmission of electricity, 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 “Electric Supply Chain
5 Act”.

1 **SEC. 2. ASSESSMENT AND REPORT ON THE SUPPLY CHAIN**
2 **FOR THE GENERATION AND TRANSMISSION**
3 **OF ELECTRICITY.**

4 (a) ASSESSMENT.—In carrying out the requirements
5 of the Department of Energy Organization Act (42 U.S.C.
6 7101 et seq.), the Secretary shall, for purposes of moni-
7 toring the supply chain for the generation and trans-
8 mission of electricity and in consultation with relevant
9 stakeholders, prepare periodic assessments on such supply
10 chain that—

11 (1) include information on—

12 (A) efforts and opportunities to strength-
13 en, secure, and expand such supply chain;

14 (B) any trends, risks, and vulnerabilities in
15 the supply, demand, and availability of compo-
16 nents for or related to generating or transmit-
17 ting electricity, including components that are
18 necessary for the construction or deployment of
19 facilities that generate or transmit electricity;

20 (C) national security and energy security
21 considerations for strengthening, securing, and
22 expanding such supply chain;

23 (D) barriers to expanding the capacity
24 to—

1 (i) manufacture components for or re-
2 lated to generating or transmitting elec-
3 tricity in the United States; and

4 (ii) process critical materials in the
5 United States;

6 (E) domestic policies that deter or other-
7 wise inhibit greater investment into such supply
8 chain;

9 (F) the effects of any reliance of the
10 United States on any foreign entity of concern
11 for—

12 (i) components for or related to gener-
13 ating or transmitting electricity; and

14 (ii) the exploration, development, or
15 production of critical materials necessary
16 for manufacturing such components; and

17 (G) workforce challenges affecting such
18 supply chain;

19 (2) identify emerging issues in such supply
20 chain; and

21 (3) include recommendations to—

22 (A) address any emerging issues identified
23 under paragraph (2); and

24 (B) secure and expand such supply chain.

1 (b) REPORT.—Not later than one year after the date
2 of enactment of this Act, and periodically thereafter, the
3 Secretary shall submit to the appropriate committees of
4 Congress a report on the most recent assessment prepared
5 under subsection (a).

6 (c) DEFINITIONS.—In this section:

7 (1) APPROPRIATE COMMITTEES OF CON-
8 GRESS.—The term “appropriate committees of Con-
9 gress” means—

10 (A) the Committee on Energy and Com-
11 merce of the House of Representatives; and

12 (B) the Committee on Energy and Natural
13 Resources of the Senate.

14 (2) CRITICAL MATERIAL.—The term “critical
15 material” has the meaning given such term in sec-
16 tion 7002(a) of the Energy Act of 2020 (30 U.S.C.
17 1606(a)).

18 (3) ELECTRIC RELIABILITY ORGANIZATION.—
19 The term “Electric Reliability Organization” has the
20 meaning given such term in section 215(a) of the
21 Federal Power Act (42 U.S.C. 824o(a)).

22 (4) ELECTRIC UTILITY.—The term “electric
23 utility” has the meaning given such term in section
24 3 of the Federal Power Act (16 U.S.C. 796).

1 (5) FOREIGN ENTITY OF CONCERN.—The term
2 “foreign entity of concern” has the meaning given
3 such term in section 40207(a) of the Infrastructure
4 Investment and Jobs Act (42 U.S.C. 18741(a)).

5 (6) RELEVANT STAKEHOLDER.—The term “rel-
6 evant stakeholder”—

7 (A) means a stakeholder that is involved
8 in—

9 (i) the generation, storage, trans-
10 mission, or distribution of electricity; or

11 (ii) the supply chain for such genera-
12 tion, storage, transmission, or distribution;
13 and

14 (B) includes an electric utility, an electric
15 grid component manufacturer, a person who
16 constructs an electric generating facility, an
17 electric power system cybersecurity expert, the
18 Electric Reliability Organization, a ratepayer
19 advocacy stakeholder, and any other related pri-
20 vate sector stakeholder.

21 (7) SECRETARY.—The term “Secretary” means
22 the Secretary of Energy.

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