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(Original Signature of Member)

115TH CONGRESS  
2D SESSION

**H. R.** \_\_\_\_\_

To provide for certain programs and developments in the Department of Energy concerning the cybersecurity and vulnerabilities of, and physical threats to, the electric grid, and for other purposes.

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IN THE HOUSE OF REPRESENTATIVES  
  
\_\_\_\_\_

**A BILL**

To provide for certain programs and developments in the Department of Energy concerning the cybersecurity and vulnerabilities of, and physical threats to, the electric grid, 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 “Enhancing Grid Secu-  
5       rity through Public-Private Partnerships Act”.

1 **SEC. 2. PROGRAM TO PROMOTE AND ADVANCE PHYSICAL**  
2 **SECURITY AND CYBERSECURITY OF ELEC-**  
3 **TRIC UTILITIES.**

4 (a) ESTABLISHMENT.—The Secretary of Energy, in  
5 consultation with State regulatory authorities, industry  
6 stakeholders, and other Federal agencies the Secretary de-  
7 termines appropriate, shall carry out a program to—

8 (1) develop, and provide for voluntary imple-  
9 mentation of, maturity models, self-assessments, and  
10 auditing methods for assessing the physical security  
11 and cybersecurity of electric utilities;

12 (2) provide training to electric utilities to ad-  
13 dress and mitigate cybersecurity supply chain man-  
14 agement risks;

15 (3) increase opportunities for sharing best prac-  
16 tices and data collection within the electric sector;

17 (4) assist with cybersecurity training for electric  
18 utilities;

19 (5) advance the cybersecurity of third-party  
20 vendors that work in partnerships with electric utili-  
21 ties; and

22 (6) provide technical assistance for electric utili-  
23 ties subject to the program.

24 (b) SCOPE.—In carrying out the program under sub-  
25 section (a), the Secretary of Energy shall—

1           (1) take into consideration different sizes of  
2       electric utilities and the regions that such electric  
3       utilities serve;

4           (2) prioritize electric utilities with fewer avail-  
5       able resources due to size or region; and

6           (3) to the extent practicable, utilize and lever-  
7       age existing Department of Energy programs.

8       (c) PROTECTION OF INFORMATION.—Information  
9       provided to, or collected by, the Federal Government pur-  
10      suant to this section—

11           (1) shall be exempt from disclosure under sec-  
12      tion 552(b)(3) of title 5, United States Code; and

13           (2) shall not be made available by any Federal,  
14      State, political subdivision or tribal authority pursu-  
15      ant to any Federal, State, political subdivision, or  
16      tribal law requiring public disclosure of information  
17      or records.

18   **SEC. 3. REPORT ON CYBERSECURITY AND DISTRIBUTION**  
19                           **SYSTEMS.**

20       (a) IN GENERAL.—The Secretary of Energy, in con-  
21      sultation with State regulatory authorities, industry stake-  
22      holders, and other Federal agencies the Secretary deter-  
23      mines appropriate, shall submit to Congress a report that  
24      assesses—

1 (1) priorities, policies, procedures, and actions  
2 for enhancing the physical security and cybersecurity  
3 of electricity distribution systems to address threats  
4 to, and vulnerabilities of, such electricity distribution  
5 systems; and

6 (2) implementation of such priorities, policies,  
7 procedures, and actions, including an estimate of po-  
8 tential costs and benefits of such implementation, in-  
9 cluding any public-private cost-sharing opportunities.

10 (b) PROTECTION OF INFORMATION.—Information  
11 provided to, or collected by, the Federal Government pur-  
12 suant to this section—

13 (1) shall be exempt from disclosure under sec-  
14 tion 552(b)(3) of title 5, United States Code; and

15 (2) shall not be made available by any Federal,  
16 State, political subdivision or tribal authority pursu-  
17 ant to any Federal, State, political subdivision, or  
18 tribal law requiring public disclosure of information  
19 or records.

20 **SEC. 4. ELECTRICITY INTERRUPTION INFORMATION.**

21 (a) INTERRUPTION COST ESTIMATE CALCULATOR.—  
22 The Secretary of Energy, in consultation with the Federal  
23 Energy Regulatory Commission, State regulatory authori-  
24 ties, industry stakeholders, and other Federal agencies the  
25 Secretary determines appropriate, shall update the Inter-

1   ruption Cost Estimate Calculator, as often as appropriate  
2   and feasible, but not less than once every 2 years.

3       (b) INDICES.—The Secretary of Energy, in consulta-  
4   tion with the Federal Energy Regulatory Commission,  
5   State regulatory authorities, industry stakeholders, and  
6   other Federal agencies the Secretary determines appro-  
7   priate, shall, as often as appropriate and feasible, update  
8   the following:

9           (1) The System Average Interruption Duration  
10   Index.

11          (2) The System Average Interruption Fre-  
12   quency Index.

13          (3) The Customer Average Interruption Dura-  
14   tion Index.

15       (c) SURVEY.—The Administrator of the Energy In-  
16   formation Administration shall collect information on elec-  
17   tricity interruption costs, if available, from a representa-  
18   tive sample of owners of electric grid assets through a bi-  
19   ennial survey.

20   **SEC. 5. DEFINITIONS.**

21       In the Act, the following definitions apply:

22           (1) 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           (2) STATE REGULATORY AUTHORITY.—The  
2       term “State regulatory authority” has the meaning  
3       given such term in section 3 of the Federal Power  
4       Act (16 U.S.C. 796).