

## Committee Print

[SHOWING THE TEXT OF H.R. 5175 AS FORWARDED BY THE SUBCOMMITTEE  
ON ENERGY ON APRIL 18, 2018]

115TH CONGRESS  
2D SESSION

# H. R. 5175

To require the Secretary of Energy to carry out a program relating to physical security and cybersecurity for pipelines and liquefied natural gas facilities.

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IN THE HOUSE OF REPRESENTATIVES

MARCH 6, 2018

Mr. UPTON (for himself and Mr. LOEBSACK) introduced the following bill;  
which was referred to the Committee on Energy and Commerce

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## A BILL

To require the Secretary of Energy to carry out a program relating to physical security and cybersecurity for pipelines and liquefied natural gas facilities.

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 “Pipeline and LNG Fa-  
5 cility Cybersecurity Preparedness Act”.

1 **SEC. 2. PHYSICAL SECURITY AND CYBERSECURITY FOR**  
2 **PIPELINES AND LIQUEFIED NATURAL GAS**  
3 **FACILITIES.**

4 The Secretary of Energy, in carrying out the Depart-  
5 ment of Energy's functions pursuant to the Department  
6 of Energy Organization Act (42 U.S.C. 7101 et seq.), and  
7 in consultation with appropriate Federal agencies, rep-  
8 resentatives of the energy sector, the States, and other  
9 stakeholders, shall carry out a program—

10 (1) to establish policies and procedures to co-  
11 ordinate Federal agencies, States, and the energy  
12 sector, including through councils or other entities  
13 engaged in sharing, analysis, or sector coordinating,  
14 to ensure the security, resiliency, and survivability of  
15 natural gas pipelines (including natural gas trans-  
16 mission and distribution pipelines), hazardous liquid  
17 pipelines, and liquefied natural gas facilities;

18 (2) to coordinate response and recovery by Fed-  
19 eral agencies, States, and the energy sector, to phys-  
20 ical incidents and cyber incidents impacting the en-  
21 ergy sector;

22 (3) to develop advanced cybersecurity applica-  
23 tions and technologies for natural gas pipelines (in-  
24 cluding natural gas transmission and distribution  
25 pipelines), hazardous liquid pipelines, and liquefied  
26 natural gas facilities;

1           (4) to perform pilot demonstration projects re-  
2 relating to physical security and cybersecurity for nat-  
3 ural gas pipelines (including natural gas trans-  
4 mission and distribution pipelines), hazardous liquid  
5 pipelines, and liquefied natural gas facilities with  
6 representatives of the energy sector;

7           (5) to develop workforce development curricula  
8 for the energy sector relating to physical security  
9 and cybersecurity for natural gas pipelines (includ-  
10 ing natural gas transmission and distribution pipe-  
11 lines), hazardous liquid pipelines, and liquefied nat-  
12 ural gas facilities; and

13          (6) to provide technical tools to help the energy  
14 sector evaluate, prioritize, and improve physical se-  
15 curity and cybersecurity capabilities of natural gas  
16 pipelines (including natural gas transmission and  
17 distribution pipelines), hazardous liquid pipelines,  
18 and liquefied natural gas facilities.