

.....  
(Original Signature of Member)

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 liquified natural gas facilities.

---

## IN THE HOUSE OF REPRESENTATIVES

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

---

## A BILL

To require the Secretary of Energy to carry out a program relating to physical security and cybersecurity for pipelines and liquified 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 to ensure the security, resiliency, and surviv-  
13 ability of natural gas pipelines (including natural  
14 gas transmission and distribution pipelines), haz-  
15 ardous liquid pipelines, and liquefied natural gas fa-  
16 cilities;

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

21 (3) to develop advanced cybersecurity applica-  
22 tions and technologies for natural gas pipelines (in-  
23 cluding natural gas transmission and distribution  
24 pipelines), hazardous liquid pipelines, and liquefied  
25 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 mechanisms to help the energy  
14 sector evaluate, prioritize, and improve physical se-  
15 curity and cybersecurity capabilities for natural gas  
16 pipelines (including natural gas transmission and  
17 distribution pipelines), hazardous liquid pipelines,  
18 and liquefied natural gas facilities.