

## Union Calendar No. 112

111<sup>TH</sup> CONGRESS  
1<sup>ST</sup> SESSION

# H. R. 1622

[Report No. 111-206]

To provide for a program of research, development, and demonstration on natural gas vehicles.

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### IN THE HOUSE OF REPRESENTATIVES

MARCH 19, 2009

Mr. SULLIVAN (for himself, Mr. HALL of Texas, Mr. GENE GREEN of Texas, and Mr. BOREN) introduced the following bill; which was referred to the Committee on Science and Technology

JULY 14, 2009

Additional sponsors: Mr. BURGESS, Mr. MASSA, Mrs. BLACKBURN, Mr. MCCOTTER, Mr. LUCAS, Mr. LUJÁN, and Mr. MARIO DIAZ-BALART of Florida

JULY 14, 2009

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in italic]

[For text of introduced bill, see copy of bill as introduced on March 19, 2009]

# **A BILL**

To provide for a program of research, development, and demonstration on natural gas vehicles.

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. NATURAL GAS VEHICLE RESEARCH,**  
4 **DEVELOPMENT, AND DEMONSTRATION**  
5 **PROJECTS.**

6 (a) *IN GENERAL.*—*The Secretary of Energy shall*  
7 *conduct a 5-year program of natural gas vehicle research,*  
8 *development, and demonstration. The Secretary shall*  
9 *coordinate with the Administrator of the Environmental*  
10 *Protection Agency, as necessary.*

11 (b) *PURPOSE.*—*The program under this section shall*  
12 *focus on—*

13 (1) *the continued improvement and development*  
14 *of new, cleaner, more efficient light-duty, medium-*  
15 *duty, and heavy-duty natural gas vehicle engines;*

16 (2) *the integration of those engines into light-*  
17 *duty, medium-duty, and heavy-duty natural gas*  
18 *vehicles for onroad and offroad applications;*

19 (3) *expanding product availability by ensuring*  
20 *that technologies researched and developed assist*  
21 *engines and vehicles in meeting Federal and State*  
22 *requirements and standards;*

23 (4) *the demonstration and proper operation and*  
24 *use of the vehicles described in paragraph (2) under*  
25 *all operating conditions;*

1           (5) *the development and improvement of*  
2 *nationally recognized codes and standards for the*  
3 *continued safe operation of natural gas vehicles and*  
4 *their components;*

5           (6) *improvement in the reliability and efficiency*  
6 *of natural gas fueling station infrastructure;*

7           (7) *the certification of natural gas fueling*  
8 *station infrastructure to nationally recognized and*  
9 *industry safety standards;*

10          (8) *the improvement in the reliability and*  
11 *efficiency of onboard natural gas fuel storage systems;*

12          (9) *the development of new natural gas fuel*  
13 *storage materials;*

14          (10) *the certification of onboard natural gas fuel*  
15 *storage systems to nationally recognized and industry*  
16 *safety standards;*

17          (11) *the use of natural gas engines in hybrid*  
18 *vehicles; and*

19          (12) *researching and developing technologies and*  
20 *processes so as to improve and streamline the process*  
21 *by which natural gas conversion systems meet Federal*  
22 *and State requirements and standards.*

23          (c) *COOPERATION AND COORDINATION WITH*  
24 *INDUSTRY.—In developing and carrying out the program*  
25 *under this section, the Secretary shall coordinate with the*

1 *natural gas vehicle industry to ensure cooperation between*  
2 *the public and the private sector.*

3       (d) *CONDUCT OF PROGRAM.*—*The program under this*  
4 *section shall be conducted in accordance with sections 3001*  
5 *and 3002 of the Energy Policy Act of 1992.*

6       (e) *REPORT.*—*Not later than 2 years after the date of*  
7 *enactment of this Act, the Secretary shall provide a report*  
8 *to Congress on the implementation of this section.*

9       (f) *AUTHORIZATION OF APPROPRIATIONS.*—*There are*  
10 *authorized to be appropriated to the Secretary \$30,000,000*  
11 *for each of the fiscal years 2010 through 2014 to carry out*  
12 *this section.*

13       (g) *DEFINITION.*—*For purposes of this section, the*  
14 *term “natural gas” means compressed natural gas, liquefied*  
15 *natural gas, biomethane, and mixtures of hydrogen and*  
16 *methane or natural gas.*

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11<sup>TH</sup> CONGRESS  
1<sup>ST</sup> Session

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