

111TH CONGRESS
1ST SESSION

H. R. 1622

IN THE SENATE OF THE UNITED STATES

JULY 22, 2009

Received; read twice and referred to the Committee on Energy and Natural
Resources

AN ACT

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,*

1 **SECTION 1. NATURAL GAS VEHICLE RESEARCH,**
2 **DEVELOPMENT, AND DEMONSTRATION**
3 **PROJECTS.**

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

9 (b) PURPOSE.—The program under this section shall
10 focus on—

11 (1) the continued improvement and develop-
12 ment of new, cleaner, more efficient light-duty, me-
13 dium-duty, and heavy-duty natural gas vehicle en-
14 gines;

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

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

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

25 (5) the development and improvement of
26 nationally recognized codes and standards for the

1 continued safe operation of natural gas vehicles and
2 their components;

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

5 (7) the certification of natural gas fueling
6 station infrastructure to nationally recognized and
7 industry safety standards;

8 (8) the improvement in the reliability and
9 efficiency of onboard natural gas fuel storage sys-
10 tems;

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

13 (10) the certification of onboard natural gas
14 fuel storage systems to nationally recognized and in-
15 dustry safety standards;

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

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

22 (c) COOPERATION AND COORDINATION WITH
23 INDUSTRY.—In developing and carrying out the program
24 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
4 this section shall be conducted in accordance with sections
5 3001 and 3002 of the Energy Policy Act of 1992.

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

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

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

Passed the House of Representatives July 21, 2009.

Attest: LORRAINE C. MILLER,
Clerk.