

110TH CONGRESS  
1ST SESSION

# H. R. 2619

To direct the Secretary of Transportation to make a grant for the establishment and operation of an ethanol anti-idling power unit research program.

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## IN THE HOUSE OF REPRESENTATIVES

JUNE 7, 2007

Mr. JOHNSON of Illinois (for himself, Mr. SHIMKUS, and Mr. ROSKAM) introduced the following bill; which was referred to the Committee on Science and Technology

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## A BILL

To direct the Secretary of Transportation to make a grant for the establishment and operation of an ethanol anti-idling power unit research program.

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. ETHANOL ANTI-IDLING POWER UNIT RE-  
4       SEARCH PROGRAM.**

5       (a) IN GENERAL.—The Secretary of Transportation  
6       shall make a grant to an eligible grantee to establish and  
7       operate an ethanol anti-idling power unit research pro-  
8       gram described in subsection (b).

1       (b) DESCRIPTION.—An ethanol anti-idling power unit  
2 research program for which a grant may be made under  
3 this section shall be designed—

4               (1) to develop an ethanol-powered solid oxide  
5 fuel cell power system;

6               (2) to demonstrate uses of ethanol as a source  
7 of energy;

8               (3) to optimize the use of ethanol fuel cell  
9 power systems that are capable of being retrofitted  
10 into existing vehicles and incorporated into new vehi-  
11 cle designs;

12               (4) to facilitate commercial uses of ethanol fuel  
13 cell power systems in vehicles, such as long-haul  
14 trucks, transit vehicles, and school buses;

15               (5) to reduce the Nation's dependence on im-  
16 ported transportation fuels, improve environmental  
17 quality;

18               (6) to encourage further development of the do-  
19 mestic ethanol and fuel cell industries;

20               (7) to develop technology to use ethanol in place  
21 of diesel fuel; and

22               (8) to reduce greenhouse gas emissions and en-  
23 ergy consumption currently attributed to idling of  
24 commercial vehicles.

1       (c) ELIGIBLE GRANTEE.—In this section, the term  
2    “eligible grantee” means a research organization that—

3           (1) is described in section 501(c)(3) of the In-  
4    ternal Revenue Code and exempt from tax under  
5    section 501(a) of such Code;

6           (2) has performed energy-related research or  
7    energy-related research support activities; and

8           (3) owns and maintains a state-of-the-art en-  
9    ergy research facility.

10       (d) APPLICATIONS.—The Secretary shall prescribe  
11    such terms and conditions as the Secretary determines to  
12    be appropriate for the content and structure of an applica-  
13    tion for a grant under this section.

14       (e) REPORTING REQUIREMENTS.—At least once a  
15    year, the Secretary shall submit to the Committee on  
16    Transportation and Infrastructure of the House of Rep-  
17    resentatives and the Committee on Environment and Pub-  
18    lic Works of the Senate a report on the projects under-  
19    taken by an eligible grantee to which a grant is made  
20    under this section and the progress made in advancing the  
21    purposes of this section.

22       (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
23    authorized to be appropriated to carry out this section

- 1 \$2,500,000 for each of fiscal years 2009 through 2011.
- 2 Such funds shall remain available until expended.

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