HR 4106

Vehicle Innovation Act of 2015

Congress: 114 (2015–2017, Ended)
Chamber: House
Policy Area: Energy
Introduced: Nov 19, 2015
Current Status: Referred to the Subcommittee on Research and Technology.
Latest Action: Referred to the Subcommittee on Research and Technology. (Sep 30, 2016)
Official Text: https://www.congress.gov/bill/114th-congress/house-bill/4106

Sponsor

Name: Rep. Dingell, Debbie [D-MI-12]
Party: Democratic • **State:** MI • **Chamber:** House

Cosponsors (2 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Cartwright, Matt [D-PA-17]	D · PA		Nov 19, 2015
Rep. Pocan, Mark [D-WI-2]	D · WI		Nov 19, 2015

Committee Activity

Committee	Chamber	Activity	Date
Science, Space, and Technology Committee	House	Referred to	Sep 30, 2016

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

Bill	Relationship	Last Action
114 S 2012	Related bill	**Sep 8, 2016:** Conference held.
114 S 2089	Related bill	**Sep 29, 2015:** Read the second time. Placed on Senate Legislative Calendar under General Orders. Calendar No. 241.
114 S 1408	Related bill	**Jun 9, 2015:** Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-344.

Summary (as of Nov 19, 2015)

Vehicle Innovation Act of 2015

This bill authorizes appropriations to the Department of Energy (DOE) for research, development, engineering, demonstration, and commercial application of vehicles and related technologies for FY2016-FY2020.

The bill requires DOE to:

- conduct a program of research, development, engineering, demonstration, and commercial application activities (R&D activities) on materials, technologies, and processes with the potential to substantially reduce or eliminate petroleum use and the emissions of the nation's passenger and commercial vehicles;
- ensure that it continues to support R&D activities and maintains competency in mid- to long-term transformational vehicle technologies with potential to achieve deep reductions in petroleum use and emissions;
- conduct research, development, engineering, demonstration, and deployment activities on connectivity of vehicle roadway, vulnerable road users, traffic control systems, and transportation data systems, including technologies that allow for improved safety, reduced energy and fuel use, optimized traffic flow, and vehicle electrification;
- carry out a program of R&D activities on advanced vehicle manufacturing technologies and practices;
- carry out a program of cooperative research, development, demonstration, and commercial application activities on advanced technologies for medium- to heavy-duty commercial, vocational, recreational, and transit vehicles;
- conduct a competitive grant program to demonstrate the integration of multiple advanced technologies on Class 8 (heavy duty) truck and trailer platforms;
- develop standard testing procedures and technologies for evaluating the performance of advanced heavy vehicle technologies under a range of representative duty cycles and operating conditions and evaluate heavy vehicle performance using work performance-based metrics other than those based on miles per gallon and appropriate metrics based on the work performed by nonroad systems; and
- undertake a pilot program of research, development, demonstration, and commercial applications of technologies to improve total machine or system efficiency for nonroad mobile equipment and to seek opportunities to transfer relevant research findings and technologies between the nonroad and on-highway equipment and vehicle sectors.

DOE may construct heavy duty truck and bus testing facilities.

Actions Timeline

- **Sep 30, 2016:** Referred to the Subcommittee on Research and Technology.
- **Nov 19, 2015:** Introduced in House
- **Nov 19, 2015:** Referred to the House Committee on Science, Space, and Technology.