



**CONGRESSIONAL BUDGET OFFICE
COST ESTIMATE**

August 13, 2010

**S. 679
Heavy Duty Hybrid Vehicle Research, Development,
and Demonstration Act of 2009**

*As ordered reported by the Senate Committee on Energy and Natural Resources
on August 5, 2010*

SUMMARY

S. 679 would establish a grant program within the Department of Energy (DOE) to advance technologies related to heavy duty hybrid vehicles. Heavy duty hybrid vehicles are powered, in part, by a rechargeable energy system and weigh between 14,000 and 33,000 pounds. S. 679 would authorize the appropriation of \$16 million in each of fiscal years 2011 and 2012 for research related to the design, production, and usage of such vehicles and a pilot program to examine the widespread use of the electric grid by plug-in hybrid vehicles. CBO estimates that implementing the bill would cost \$32 million over the 2011-2015 period. Enacting S. 679 would not affect direct spending or revenues; therefore, pay-as-you-go procedures do not apply.

S. 679 contains no intergovernmental or private sector mandates as defined in the Unfunded Mandates Reform Act (UMRA) and would impose no costs on state, local, or tribal governments.

ESTIMATED COST TO THE FEDERAL GOVERNMENT

For this estimate, CBO assumes that S. 679 will be enacted near the beginning of fiscal year 2011 and that the authorized amounts will be appropriated each year. Estimated outlays are based on historical spending patterns for similar DOE programs. The estimated budgetary impact of S. 679 is shown in the following table. The costs of this legislation fall within budget function 270 (energy).

	By Fiscal Year, in Millions of Dollars					2011- 2015
	2011	2012	2013	2014	2015	
CHANGES IN SPENDING SUBJECT TO APPROPRIATION						
Authorization Level	16	16	0	0	0	32
Estimated Outlays	9	14	7	2	0	32

PAY-AS-YOU-GO CONSIDERATIONS: None.

INTERGOVERNMENTAL AND PRIVATE-SECTOR IMPACT

S. 679 contains no intergovernmental or private-sector mandates as defined in UMRA and would impose no costs on state, local, or tribal governments.

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