



**CONGRESSIONAL BUDGET OFFICE
COST ESTIMATE**

October 19, 2009

H.R. 3598
Energy and Water Research Integration Act
*As ordered reported by the House Committee on Science and Technology
on October 7, 2009*

SUMMARY

H.R. 3598 would authorize the appropriation of \$325 million over the 2011-2015 period for the Department of Energy (DOE) to attempt to enhance energy and water-use efficiency in the agency’s research, development, and demonstration programs. Assuming appropriation of the authorized amounts, CBO estimates that implementing the legislation would cost \$221 million over the 2011-2014 period and \$104 million after 2014. Enacting H.R. 3598 would not affect direct spending or revenues.

H.R. 3598 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

The estimated budgetary impact of H.R. 3598 is shown in the following table. The costs of this legislation fall within budget function 250 (general science, space, and technology).

	By Fiscal Year, in Millions of Dollars					
	2010	2011	2012	2013	2014	2010-2014
CHANGES IN SPENDING SUBJECT TO APPROPRIATION						
Authorization Level	0	65	65	65	65	260
Estimated Outlays	0	36	55	65	65	221

BASIS OF ESTIMATE

For this estimate, CBO assumes that H.R. 3598 will be enacted early in fiscal year 2010 and that the authorized amounts will be appropriated for each fiscal year. Estimated outlays are based on historical spending patterns for similar DOE programs.

H.R. 3598 would authorize the appropriation of \$60 million a year over the 2011-2015 period for DOE to coordinate research, development, and demonstration activities that promote energy and water-use efficiency. The bill also would authorize the appropriation of \$5 million a year over the 2011-2015 period to establish the Energy-Water Architecture Council to improve the collection and reporting of data on energy and water resources. Finally, the bill would require DOE and the Council to submit biennial reports to the Congress describing the activities of their programs. Assuming appropriation of the authorized amounts, CBO estimates that implementing the bill would cost \$221 million over the 2011-2014 period and \$104 million after 2014 assuming appropriation of the authorized amounts.

INTERGOVERNMENTAL AND PRIVATE-SECTOR IMPACT

H.R. 3598 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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