



CONGRESSIONAL BUDGET OFFICE
COST ESTIMATE

August 19, 2009

H.R. 3165
Wind Energy Research and Development Act of 2009
*As ordered reported by the House Committee on Science and Technology
on July 29, 2009*

SUMMARY

H.R. 3165 would authorize the appropriation of \$1 billion over the 2010-2014 period for a Department of Energy (DOE) research and development program to improve wind energy technologies. Assuming appropriation of the authorized amounts, CBO estimates that implementing the legislation would cost \$880 million over the 2010-2014 period and \$120 million after 2014. Enacting the legislation would not affect direct spending or revenues.

H.R. 3165 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. 3165 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	200	200	200	200	200	1,000
Estimated Outlays	110	170	200	200	200	880

BASIS OF ESTIMATE

For this estimate, CBO assumes the bill will be enacted near the end of fiscal year 2009 and that the authorized amounts will be appropriated each year. Estimated outlays are based on historical spending patterns for DOE research programs.

H.R. 3165 would authorize the appropriation of \$200 million a year over the 2010-2014 period for research, development, and demonstration activities related to wind energy systems. Specifically, the bill would direct DOE to establish a research and development program to improve the efficiency of wind turbines, reduce the cost of wind energy systems, and conduct a demonstration program to measure the performance of wind energy systems at locations across the United States.

INTERGOVERNMENTAL AND PRIVATE-SECTOR IMPACT

H.R. 3165 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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