

HR 28

High-Performance Computing Revitalization Act of 2005

Congress: 109 (2005–2007, Ended)

Chamber: House

Policy Area: Science, Technology, Communications

Introduced: Jan 4, 2005

Current Status: Received in the Senate and Read twice and referred to the Committee on Commerce, Science, and Transp

Latest Action: Received in the Senate and Read twice and referred to the Committee on Commerce, Science, and Transportation. (Apr 27, 2005)

Official Text: <https://www.congress.gov/bill/109th-congress/house-bill/28>

Sponsor

Name: Rep. Biggert, Judy [R-IL-13]

Party: Republican • State: IL • Chamber: House

Cosponsors (6 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Boehlert, Sherwood [R-NY-24]	R · NY		Jan 4, 2005
Rep. Davis, Lincoln [D-TN-4]	D · TN		Jan 4, 2005
Rep. Gordon, Bart [D-TN-6]	D · TN		Feb 8, 2005
Rep. Hooley, Darlene [D-OR-5]	D · OR		Apr 12, 2005
Rep. Inglis, Bob [R-SC-4]	R · SC		Apr 12, 2005
Rep. Johnson, Timothy V. [R-IL-15]	R · IL		Apr 12, 2005

Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Referred To	Apr 27, 2005
Science, Space, and Technology Committee	House	Reported By	Apr 12, 2005

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

No related bills are listed.

(This measure has not been amended since it was reported to the House on April 12, 2005. The summary of that version is repeated here.)

High-Performance Computing Revitalization Act of 2005 - Amends the High-performance Computing Act of 1991 to direct the President to implement a High-performance Computing Research and Development Program (current law provides for a National High-performance Computing Program) and revise program requirements.

Requires the Director of the Office of Science and Technology Policy to: (1) establish the goals and priorities for Federal high-performance computing research, development, networking, and other activities; (2) establish Program Component Areas that implement such goals and identify the Grand Challenges (i.e., fundamental problems in science or engineering, with broad economic and scientific impact, whose solutions will require the application of high-performance computing resources) that the Program should address; and (3) develop and maintain a research, development, and deployment road map for the provision of high-performance computing systems.

Revises requirements for annual reports by requiring that such reports: (1) describe Program Component Areas, including any changes in the definition of or activities under such Areas and the reasons for such changes, and describe Grand Challenges supported under the Program; (2) describe the levels of Federal funding and the levels proposed for each Program Component Area; (3) describe the levels of Federal funding for each agency and department participating in the Program for each such Area; and (4) include an analysis of the extent to which the Program incorporates the recommendations of the advisory committee on high-performance computing. Eliminates the requirement that such reports include reports from the Secretary of Energy on Department of Energy activities taken to carry out the National High-performance Computing Program.

Requires such advisory committee to: (1) provide the Director with an independent assessment of the balance between components of the Program, including funding levels for the Program Component Areas and whether the research and development undertaken pursuant to the Program is helping to maintain U.S. leadership in high-performance computing and networking; and (2) conduct periodic evaluations of the funding, management, coordination, implementation, and activities of the Program, and report at least once every two fiscal years to specified congressional committees.

Requires the Office of Management and Budget to identify each element of its high-performance computing activities which contributes directly to the Program Component Areas or benefits from the Program.

Repeals requirements under the Act for the National Research and Education Network and the Next Generation Internet.

Modifies provisions regarding responsibilities of the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the Department of Energy (DOE), the National Institute of Standards and Technology (NIST), the National Oceanic and Atmospheric Administration (NOAA), and the Environmental Protection Agency (EPA).

Actions Timeline

- **Apr 27, 2005:** Received in the Senate and Read twice and referred to the Committee on Commerce, Science, and Transportation.
- **Apr 26, 2005:** Mrs. Biggert moved to suspend the rules and pass the bill, as amended.
- **Apr 26, 2005:** Considered under suspension of the rules. (consideration: CR H2483-2487)
- **Apr 26, 2005:** DEBATE - The House proceeded with forty minutes of debate on H.R. 28.
- **Apr 26, 2005:** Passed/agreed to in House: On motion to suspend the rules and pass the bill, as amended Agreed to by voice vote.(text: CR H2483-2484)
- **Apr 26, 2005:** On motion to suspend the rules and pass the bill, as amended Agreed to by voice vote. (text: CR H2483-2484)
- **Apr 26, 2005:** Motion to reconsider laid on the table Agreed to without objection.
- **Apr 12, 2005:** Reported (Amended) by the Committee on Science. H. Rept. 109-36.
- **Apr 12, 2005:** Reported (Amended) by the Committee on Science. H. Rept. 109-36.
- **Apr 12, 2005:** Placed on the Union Calendar, Calendar No. 17.
- **Mar 17, 2005:** Committee Consideration and Mark-up Session Held.
- **Mar 17, 2005:** Ordered to be Reported (Amended) by Voice Vote.
- **Jan 4, 2005:** Introduced in House
- **Jan 4, 2005:** Introduced in House
- **Jan 4, 2005:** Sponsor introductory remarks on measure. (CR E26)
- **Jan 4, 2005:** Referred to the House Committee on Science.