

**COMMITTEE ON SCIENCE AND TECHNOLOGY  
FULL COMMITTEE MARKUP  
OCTOBER 7, 2009**

**AMENDMENT ROSTER**

**H. R. 3650, the *Harmful Algal Blooms and Hypoxia Research and Control Amendments Act of 2009***

No.	Sponsor	Description	Results
1	<b>Mr. Baird/Mr. Ehlers (Manager's Amendment) (038)</b>	<p>Makes several technical and clarifying changes to the bill.</p> <p>Amends Section 4 ("National Harmful Algal Bloom and Hypoxia Program") to require the Administrator to include certain research, monitoring, event response, mitigation, and control activities related to freshwater harmful algal blooms. Further modifies Section 4 to amend the requirements for the new Infrastructure Program.</p> <p>Amends Section 8 ("Authorization of Appropriations") to modify the dollar amounts allocated for the Regional Research and Action Plans and related reports, the Monitoring and Event Response for Harmful Algal Blooms (MERHAB) Program, and the Northern Gulf of Mexico Ecosystems and Hypoxia Assessment (NGOMEX) Program. Further amends Section 8 to specify that \$3,000,000 of the funds authorized to be appropriated for each fiscal year 2010 through 2014 shall be for research and assessment activities related to marine and freshwater harmful algal blooms at NOAA research laboratories.</p>	<b>Passed by voice vote</b>
2	<b>Mr. Hall (015)</b>	<p>Adds a section to the end of the bill stating that nothing in the Act shall be construed to require state, tribal, or local governments to take any action that may result in increased financial burden to</p>	<b>Failed 13-22</b>

		such government.	
3	Mr. Smith (011)	<p>Amends Section 4 (“National Harmful Algal Bloom and Hypoxia Program”) to add “at the request of the States” to the provision requiring that the Under Secretary shall “oversee the development, implementation, review, and periodic updating of the Regional Research and Action Plans under section 603B.”</p> <p>Amends Section 5 (“Regional Research and Action Plans”) to add “at the request of the States” to the provision requiring the Under Secretary to “oversee the development and implementation of the Regional Research and Action Plans.”</p>	Failed 10-24
4	Mr. Broun (139)	<p>Adds a new section at the end of the bill stating that “[n]one of the funds made available under this Act or the amendments made by the Act” (1) may be used for lobbying the legislative or executive branches of the Federal, State, or local governments; or (2) may be awarded to any entity if that entity or any employee has been charged by a government agency with waste, fraud, abuse of government funds, or any illegal activities.</p>	Withdrawn
5	Mr. Baird (Second Degree Amendment) (006)	<p>Amends paragraph (2) of Mr. Broun’s amendment (139) to state that none of the funds made available under this Act “may be awarded to an entity that has been convicted or held liable by any Federal, State, or local government entity for fraud, waste, or abuse of government funds.”</p>	Withdrawn

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**H.R. 3585, the *Solar Technology Roadmap Act***

<b>No.</b>	<b>Sponsor</b>	<b>Description</b>	<b>Results</b>
1	<b>Ms. Giffords (Manager's Amendment) (064)</b>	<p><b>Makes several technical and clarifying changes to the bill.</b></p> <p><b>Amends Section 2 ("Integrating Energy and Water Research") to specify that the Secretary shall ensure that no program or project of DOE is unnecessarily delayed or disrupted in carrying out subsection (a).</b></p> <p><b>Amends Section 2 to add two items to the list of specific considerations.</b></p> <p><b>Further amends Section 2 to add new subsections on Interagency Collaboration and Nonduplication, Intra-Agency Coordination and Nonduplication, Relevant Information and Recommendations, and Reports.</b></p>	<b>Passed by voice vote</b>
2	<b>Mr. Peters (018)</b>	<p><b>Amends Section 101 ("Program") by adding a subsection stating that as a "criteria for providing awards under this Act, the Secretary shall consider areas with high unemployment."</b></p> <p><b>Further amends Section 101 by adding a subsection stating that, in carrying out section 105 ("Solar Technology Demonstration Projects"), the Department of Energy "shall strongly consider projects utilizing solar technologies manufactured in the United States."</b></p>	<b>Passed by voice vote</b>
3	<b>Mr. Luján (028)</b>	<b>Amends Section 102 ("Solar Technology Roadmap") by replacing "long distance transmission" with "long distance transmission options, including direct current and superconducting transmission" as part of the Plan's contents.</b>	<b>Passed by voice vote</b>

4	Ms. Biggert (001)	Strikes the revisions and updates subsection of Section 102 (“Solar Technology Roadmap”) and adds a sunset provision stating that the “Solar Technology Roadmap Committee shall cease its activities not later than October 1, 2015.”	Failed by voice vote
5	Ms. Biggert (003)	Amends Section 105 (“Solar Technology Demonstration Projects”) by adding a subsection stating that in carrying out the program, the Secretary shall make awards for projects that “provide the greatest potential to reduce energy costs for consumers...”	Passed by voice vote
6	Mr. Bartlett (016)	<p>Makes several technical and clarifying changes to the bill.</p> <p>Amends Section 105 (“Solar Technology Demonstration Projects”) by increasing the number technology projects greater than 30 megawatts to be conducted pursuant to the Section, and makes the demonstration projects technology-neutral.</p> <p>Further amends Section 105 by adding a subsection stating that in carrying out the program, the Secretary shall make awards for projects that “promote overall electric infrastructure reliability and sustainability should grid functions be disrupted or damaged...”</p>	Passed by voice vote
7	Mr. Broun (140)	<p>Amends Section 101 (“Program”) provision which states that it is the “policy of the United States that at least 75 percent of funding for solar technology research, development, and demonstration activities conducted by the Department of Energy after fiscal year 2014 support activities identified by and recommended under the Solar Technology Roadmap...” by replacing “at least 75 percent” with “a percentage.”</p> <p>Amends Section 107 (“Solar Energy Program Reauthorization”) by eliminating the requirement that the following percentages of funds for research, development, and demonstration activities be dedicated to</p>	Failed by voice vote

		activities identified by the Solar Technology Roadmap: (1) at least 30 percent for fiscal year 2012; (2) at least 45 percent for fiscal year 2013; (3) at least 60 percent for fiscal year 2014; (4) at least 75 percent for fiscal year 2015.	
8	Mr. Broun (141)	Amends Section 107 (“Solar Energy Program Reauthorization”) by striking the authorization amounts for fiscal years 2011 through 2015 and reducing them to \$200,000,000 for each of the fiscal years 2011 through 2013.	Failed 6-19
9	Mr. Bilbray (005)	Amends Section 201 (“Photovoltaic Device Recycling Research, Development, and Demonstration”) to add a requirement that the Secretary’s plan to establish priorities and requirements for the Photovoltaic Materials Physical Property database include “the protection of proprietary information, trade secrets, and other confidential business information.”	Passed by voice vote

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**H.R. 3598, the *Energy and Water Research Integration Act***

<b>No.</b>	<b>Sponsor</b>	<b>Description</b>	<b>Results</b>
1	Mr. Gordon (Manager's Amendment) (005)	<p>Makes several technical and clarifying changes to the bill.</p> <p>Amends Section 2 ("Integrating Energy and Water Research") to specify that the Secretary shall ensure that no program or project of DOE is unnecessarily delayed or disrupted in carrying out subsection (a).</p> <p>Amends Section 2 to add two items to the list of specific considerations.</p> <p>Further amends Section 2 to add new subsections on Interagency Collaboration and Nonduplication, Intra-Agency Coordination and Nonduplication, Relevant Information and Recommendations, and Reports.</p>	Passed by voice vote
2	Mr. Hall (016)	<p>Amends Section 2 ("Integrating Energy and Water Research") to require the Secretary to develop an "Energy Water Research and Development Roadmap" to define research, development, demonstration, and commercialization efforts related to the energy-water nexus. Provides ten specific considerations for the Roadmap for which the Secretary shall establish milestones. Requires the Secretary to submit the Roadmap to Congress not later than nine months after the date of enactment, and requires the Secretary to update the Roadmap no later than 3 years after the date of enactment. Requires the secretary to implement the Roadmap in carrying out energy research, development, and</p>	Withdrawn

		demonstration programs of DOE. Authorizes \$30,000,000 for each of the fiscal years 2011 through 2015 to carry out this section.	
3	Ms. Dahlkemper (003)	Amends Section 2 to add two items to the list of specific considerations.	Passed by voice vote
4	Mr. Smith (006)	Adds a new section which states that nothing in the Act “shall be construed to allow the establishment of regulations by the Federal Government that would infringe or impair the use of water by State, tribal, or local governments.”	Passed by voice vote
5	Mr. Smith (007)	Adds a new section which states that nothing in the Act “shall be construed to require State, tribal, or local governments to take any action that may result in an increased financial burden to such governments by restricting the use of water by such governments.”	Combined with above amendment
6	Ms. Johnson (087)	Amends Section 2 to add “natural gas” to the list of items in subsection (b)(7).	Passed by voice vote
7	Ms. Biggert (009)	Strikes Section 3 (“Energy-Water Architecture Council”) from the bill.	Failed by voice vote
8	Mr. Broun (142)	Adds a new section to the bill which requires the Secretary to review a report of the National Water Availability and Use Assessment Program, conduct a study in consultation with EPA, and provide to Congress a “narrowly focused research and development strategy” before implementing section 2 of the bill.	Failed by voice vote