

**Figure 1: Provisions of the Shaheen-Portman Bill**

Shaheen-Portman Provisions	
<p><b>Buildings</b></p> <ul style="list-style-type: none"> <li>• Greater Energy Efficiency in Building Codes</li> <li>• Building Training and Assessment Centers</li> </ul>	<ul style="list-style-type: none"> <li>• Study of Advanced Energy Technology Manufacturing Capabilities in the U.S.</li> <li>• Industrial Technologies Steering Committee</li> </ul>
<p><b>Building Efficiency Finance</b></p> <ul style="list-style-type: none"> <li>• Loan Program for Energy Efficiency Upgrades to Existing Buildings</li> </ul>	
<p><b>Industrial Efficiency &amp; Competitiveness</b></p> <ul style="list-style-type: none"> <li>• State Partnership Industrial EE Revolving Loan Program</li> </ul>	<ul style="list-style-type: none"> <li>• Supply Star</li> <li>• Energy Saving Motor Control Rebate Program</li> <li>• Energy Efficient Transformer Rebate Program</li> </ul>
<ul style="list-style-type: none"> <li>• Coordination of R&amp;D of Energy Efficiency Technologies for Industry</li> <li>• Energy Efficient Technologies Assessment</li> <li>• Reducing barriers to the deployment of industrial energy efficiency*</li> </ul>	
<ul style="list-style-type: none"> <li>• Future of the Industry Program</li> <li>• Sustainable Manufacturing Initiative</li> </ul>	<p><b>Federal Agency Energy Efficiency</b></p> <ul style="list-style-type: none"> <li>• Adoption of Personal Power Savings Techniques by Federal Agencies</li> </ul>
	<ul style="list-style-type: none"> <li>• Availability of Funds for Design Updates</li> <li>• Best Practices for Advanced Metering</li> <li>• Federal Energy Management and Data Collection Standard</li> <li>• Electric Vehicle Charging Infrastructure</li> </ul>
	<ul style="list-style-type: none"> <li>• Federal Purchase Requirement</li> <li>• Study on Federal Data Center Consolidation</li> </ul>

\*Not included in original bill  
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<b>Legend</b>
 Included in the Amendment



**Figure 2: Amendment Provisions from Shaheen-Portman**

Provision	Description
Coordination of R&D of Energy Efficiency Technologies for Industry	Establishes collaborative EE R&D partnerships between DOE Industrial Technologies Program and other DOE offices for early and applied R&D
Reducing barriers to the deployment of industrial energy efficiency	Requires the Secretary of Energy and industry to study barriers to the deployment of industrial efficiency and develop policy recommendations
Study of Advanced Energy Technology Manufacturing Capabilities in the U.S.	Tasks the National Academy of Sciences to study the development of advanced manufacturing capabilities and potential for supply chain improvements and offer recommendations
Industrial Technologies Steering Committee	Establishes a steering committee composed of energy-intensive trade associations to offer advice on the DOE Industrial Technologies Program
Availability of Funds for Design Updates	Allows GSA to use funding to update designs for approved, but not yet constructed buildings to meet EE standards for new federal buildings
Best Practices for Advanced Metering	Requires federal agencies to create a plan on how to achieve NECPA metering requirements and develop/release best practices annually
Federal Energy Management and Data Collection Standard	Charge energy managers with using a web-based tracking system to put out energy and water consumption data for individual facilities
Federal Purchase Requirement	Amends the federal renewable energy consumption requirements to include thermal and electric renewable energy
Study on Federal Data Center Consolidation	Mandates DOE to conduct a feasibility study on government-wide data centers with the goal of closing at least 800 centers by 2015

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Source: Alliance to Save Energy, Library of Congress: Thomas, Congressional Record