

Side by Side Comparison of Shaheen-Portman Bills, S. 2074 and S. 1392

In February 2014, Senators Shaheen (D-N.H.) and Portman (R-Ohio) reintroduced the Energy Savings and Industrial Competitiveness Act (Shaheen-Portman). The new bill, S. 2074, incorporates ten new provisions into the body of the legislation, creating an even stronger bill that will bring the benefits of energy efficiency to schools, households, and businesses across the country.

Revised Bill (S. 2074)	Old Bill (S. 1392)
<p>Title I – Buildings Subtitle A <u>Sec. 101</u>: Identical to S. 1392.</p>	<p>Title I – Buildings Subtitle A <u>Sec. 101</u>: Directs DOE to strengthen national model building codes to make new homes and commercial buildings more energy-efficient. DOE will also encourage and support localities, states, and Indian tribes to adopt codes that exceed model building codes. Entities that do not achieve compliance with their own codes or the model code will be eligible for federal support.</p> <p>DOE will also provide technical and financial support to states and tribes for implementing, improving, and promoting building codes. DOE will work with codes and standards developers to establish codes that meet the maximum level of energy efficiency and are also both technologically feasible and cost-effective. This section makes the code-writing process more transparent and does not require that any state, locality, or Indian tribe adopt the model building codes.</p> <p>Authorization: \$200 million</p>
<p>Subtitle B <u>Sec. 111</u>: Identical to S. 1392.</p>	<p>Subtitle B <u>Sec. 111</u>: DOE will provide grants to universities to establish building training and assessment centers that will train the next generation of workers in energy-efficient building design and operation.</p> <p>Authorization: \$10 million</p>

<p><u>Sec. 112</u>: Identical to S. 1392.</p>	<p><u>Sec. 112</u>: DOE will also award grants to nonprofit partnerships with dual classroom instruction and on-the-job energy efficiency training programs. Authorization: \$10 million</p>
<p>Subtitle C <u>Sec. 121</u>: Requires DOE’s EERE to coordinate existing efforts to promote federal opportunities for energy efficiency assistance to schools. Authorizes EERE to provide technical assistance to help develop and finance energy efficiency projects, and requires EERE to maintain an online database for relevant information. EERE will recognize schools that successfully implement energy retrofit projects.</p>	<p>Not in S. 1392</p>
<p>Subtitle D <u>Sec. 131-133</u>: Establishes a Tenant Star program, a voluntary certification and recognition program to promote energy efficiency in leased commercial building separate spaces. Requires the GSA to develop model leasing provisions to encourage investment in energy efficiency.</p>	<p>Not in S. 1392</p>
<p>Subtitle E <u>Sec. 141</u>: Requires federally leased buildings that are not Energy Star-certified to benchmark energy usage data where practical. Authorization: \$12.5 million for the period of fiscal years 2014 through 2018</p>	<p>Not in S. 1392</p>
<p>Title II – Industrial Efficiency and Competitiveness Subtitle A <u>Sec. 201-204</u>: Identical to S. 1392</p>	<p>Title II – Industrial Efficiency and Competitiveness Subtitle A <u>Sec. 201-204</u>: DOE will strengthen its partnerships with other agencies and the private sector, and promote efficient manufacturing practices, technologies, and services to small and medium-sized manufacturers. DOE and the private sector will create a sustainable manufacturing initiative to accelerate the development and adoption of technologies and processes that improve industrial efficiency.</p>
<p>Subtitle B <u>Sec. 211</u>: The prohibition against using climate change as a factor in certifying businesses as</p>	<p>Subtitle B</p>

having an efficient supply chain has been removed.	<u>Sec. 211</u> : Establishes a DOE program—Supply Star—to identify and promote practices and companies that use highly efficient supply chains. Authorization : \$10 million for the period of fiscal years 2014 through 2023
Subtitle C <u>Sec. 221</u> : Identical to S. 1392	Subtitle C <u>Sec. 221</u> : Establishes a rebate program for certain efficient electric motor controls and related commercial or industrial machinery. Authorization : \$5 million for each of the fiscal years 2014 and 2015
Subtitle D <u>Sec. 231</u> : Identical to S. 1392	Subtitle D <u>Sec. 231</u> : Establishes a rebate program for new energy-efficient transformers. The program would be terminated on December 31, 2015. Authorization : \$5 million for each of fiscal years 2014 and 2015
Title III – Federal Agency Energy Efficiency <u>Sec. 301</u> : Requires DOE to issue recommendations to employ energy efficiency through the use of information and communications technologies. Each federal agency is required to develop an implementation strategy.	Title III – Federal Agency Energy Efficiency <u>Sec. 301</u> : Requires DOE to issue guidance for federal agencies on adopting information and communications technology energy savings techniques. Each federal agency is required to adopt a plan for implementing energy savings measures.
<u>Sec. 302</u> : Identical to S. 1392	<u>Sec. 302</u> : Allows federal agencies to use existing funds to update plans for new federal buildings, using the most current building efficiency standards.
<u>Sec. 303</u> : Requires OMB to collaborate with federal agencies to promote energy efficiency in data centers and other information technologies. Requires OMB to track and report on each agency’s progress, and establishes an open data initiative.	<u>Sec. 303</u> : Directs OMB to establish a goal for energy and cost savings through federal data center consolidation. This does not apply to the High Performance Computing Modernization Program of DoD.
<u>Sec. 304</u> : Authorizes a demonstration program at HUD using budget-neutral performance-based contracts to conduct energy and water efficiency upgrades to HUD-assisted multifamily housing units.	Not in S. 1392
Title IV – Regulatory Provisions	Not in S. 1392

<p>Subtitle A <u>Sec. 401</u>: Requires DOE and EPA to revise Energy Star certification rules for electronic products. Third party testing would not be required for Energy Star program partners that have complied with program regulations for at least 18 months.</p>	
<p>Subtitle B <u>Sec. 411-412</u>: Requires DOE to conduct an ongoing review into private sector green building certification programs, and ensures that green building ratings systems used by GSA do not exclude certain building materials.</p>	Not in S. 1392
<p>Subtitle C <u>Sec. 421</u>: Creates an exemption for thermal storage water heaters under the new efficiency standards that go into effect in April 2015, so that large grid-enabled electric-resistance water heaters could continue to be manufactured only if they include capabilities that would allow them to be used in demand response programs.</p>	Not in S. 1392
<p>Subtitle D <u>Sec. 431-432</u>: Extends existing federal building energy efficiency improvement targets, and requires DOE to analyze the feasibility of extending the targets even further. Requires federal energy managers to complete comprehensive energy and water evaluations every four years. Expands the scope of existing energy standards to cover major renovations, and codifies the administrative requirements of the “Guiding Principles for Sustainable New Construction and Major Renovations” for new buildings of at least 5000 sq. ft., unless not life-cycle cost-effective. Repeals the provision of Section 433 of ECPA that phased fossil fuel energy use out of new federal buildings.</p>	Not in S. 1392
<p><u>Sec. 433</u>: Requires all federal agency issued, insured, purchased, or securitized home mortgages to account for energy efficiency in the mortgage underwriting and appraisal processes.</p>	Not in S. 1392
<p>Subtitle E</p>	Not in S. 1392

<p><u>Sec. 441</u>: Requires DOE to recognize voluntary, independent certification programs for heating, air conditioning equipment, and water heating products that meet certain qualifications.</p>	
<p>Title V – Miscellaneous <u>Sec. 501</u>: Establishes an offset for S. 2074 by amending Section 422(f) of the Energy Independence and Security Act.</p>	<p>Title IV – Miscellaneous <u>Sec. 401</u>: Establishes an offset for S. 1392 by amending Section 422(f) of the Energy Independence and Security Act.</p>
<p><u>Sec. 502-503</u>: Identical to S. 1392</p>	<p><u>Sec. 402-403</u>: Budgetary effects and advance appropriations required.</p>