

Section-by-Section Summary

Energy Savings & Industrial Competitiveness Act of 2013

(Shaheen-Portman, S. 1392)

Title I: BUILDINGS

Subtitle A: Building Energy Codes

Section 101: Strengthens national model building codes for new homes and commercial buildings by requiring the Department of Energy (DOE) to support their development, including the setting of energy savings targets and providing of technical assistance to the code-setting and standard development organizations.

DOE, in consultation with building science experts and institutions of higher learning, will produce a report on the feasibility, impact, economics and value of code improvements.

Section 304 of ECPA is amended to change the State certification process so that within two years after model building codes are updated, States are to certify whether or not they have updated their building codes, and demonstrate if the building codes have met or exceeded energy savings targets.

The legislation reserves adoption and enforcement of model building codes to the States, but empowers DOE to offer technical assistance.

Section 307 of ECPA is amended to direct DOE to support the updating of model building energy codes by independent codes and standards developers, and to utilize the 2009 International Energy Conservation Code (IECC) for residences and the ASHRAE 90.1-2010 for commercial buildings as the baseline.

Authorizes \$200 million in funding to incentivize and assist States to meet the goals and requirements of the bill through the use of model codes until expended.

Subtitle B: Worker Training and Capacity Building

Section 111: Establishes a DOE program for university-based Building Training and Assessment Centers, modeled after the existing Industrial Assessment Centers (IACs). Authorizes \$10 million in programmatic funding to train engineers, architects and workers in energy-efficient commercial building design and operations.

Section 112: Creates a DOE career skills program to provide grants to nonprofit partnerships for worker training in for the construction and installation of energy-efficient building technologies. Authorizes \$10 million in funding to carry out this section, and establishes a 50 percent federal cost share.

Title II: INDUSTRIAL EFFICIENCY AND COMPETITIVENESS

Subtitle A: Manufacturing Energy Efficiency

Section 201: Identifies the purpose of this section, including: reforming and reorienting DOE's industrial efficiency programs; establishing consistent regulatory authority; accelerating the deployment of more efficient industrial technologies and practices; and strengthening public-private partnerships.

Section 202: Streamlines efforts by directing Industrial Assessment Centers (IACs) to coordinate with the Manufacturing Extension Partnership Centers of the National Institute of Standards and Technology and DOE's Building Technologies Program, and increases partnerships with the national laboratories and energy service and technology providers to leverage private sector expertise.

Section 203: Requires DOE's Office of Energy Efficiency and Renewable Energy (EERE) to provide onsite technical assessments to manufacturers seeking efficiency opportunities.

Subtitle B: Supply Star

Section 211: Establishes a DOE pilot program modeled on and in coordination with ENERGY STAR to identify examples and opportunities and promote practices for highly efficient supply chains.

Allows DOE to award companies financing (competitive grants/other incentives), technical support and training to improve supply side efficiency.

Authorizes \$10 million in programmatic funding for FY 2014 through FY 2023.

Subtitle C: Electric Motor Rebate Program

Section 221: Creates a DOE rebate program to incentivize purchases of new, high efficiency motors or high efficiency motor systems that reduce motor energy use by no less than 5%.

Authorizes \$5 million in programmatic funding for FY 2014 and FY 2015, to remain until expended.

Subtitle D: Transformer Rebate Program

Section 231: Directs DOE to launch an incentive rebate for the purchase of energy efficient transformers for industrial/manufacturing facilities or commercial/multifamily residential buildings.

Authorizes \$5 million for FY 2014 and FY 2015, to remain until expended.

Title III: FEDERAL AGENCY ENERGY EFFICIENCY

Section 301: Requires the DOE, in consultation with other federal agencies, to issue recommendations to employ energy efficiency through the use of information and communications technologies – including computer hardware, operation and maintenance processes, energy efficiency software, and power management tools.

Section 302: Allows the General Services Administration to utilize funding to update the project design of approved building construction to meet efficiency standards.

Section 303: Directs the Office of E-Government and Information Technology to develop and publish a goal for energy and cost savings through the consolidation of federal data centers.

Title IV: MISCELLANEOUS

Section 401: Offset - Reduces authorization levels for the Zero-Net-Energy Commercial Building Initiative (Energy Independence and Security Act of 2007) by \$200 million for each of FY 2013 and FY 2014; \$150 million in FY 2015 and \$100 million in each of FY 2016 through FY 2018.