

SA 3015. Mr. HATCH submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3016. Mr. HATCH submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3017. Mr. HATCH submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3018. Mr. FLAKE (for himself, Mr. MCCAIN, and Mrs. FISCHER) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3019. Mr. FLAKE (for himself, Mr. TOOMEY, and Mrs. FISCHER) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3020. Mr. FLAKE (for himself, Mrs. FISCHER, and Mr. COBURN) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3021. Mr. FLAKE submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3022. Mr. BENNET (for himself, Mr. COBURN, Mr. CARPER, and Ms. AYOTTE) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3023. Mr. REID proposed an amendment to amendment SA 3012 submitted by Mrs. SHAHEEN (for herself and Mr. PORTMAN) to the bill S. 2262, supra.

SA 3024. Mr. REID proposed an amendment to amendment SA 3023 proposed by Mr. REID to the amendment SA 3012 submitted by Mrs. SHAHEEN (for herself and Mr. PORTMAN) to the bill S. 2262, supra.

SA 3025. Mr. REID proposed an amendment to the bill S. 2262, supra.

SA 3026. Mr. REID proposed an amendment to amendment SA 3025 proposed by Mr. REID to the bill S. 2262, supra.

SA 3027. Mr. REID proposed an amendment to the bill S. 2262, supra.

SA 3028. Mr. REID proposed an amendment to amendment SA 3027 proposed by Mr. REID to the bill S. 2262, supra.

SA 3029. Mr. REID proposed an amendment to amendment SA 3028 proposed by Mr. REID to the amendment SA 3027 proposed by Mr. REID to the bill S. 2262, supra.

SA 3030. Mr. SESSIONS submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3031. Mr. SESSIONS submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3032. Mr. ENZI submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3033. Mr. ENZI submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3034. Mr. TOOMEY submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3035. Mr. TOOMEY submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3036. Mr. TOOMEY (for himself and Mr. CASEY) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3037. Mr. TOOMEY submitted an amendment intended to be proposed by him

to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3038. Mr. UDALL of Colorado (for himself, Mr. BEGICH, and Ms. HEITKAMP) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3039. Mr. UDALL of Colorado (for himself and Mr. MARKEY) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3040. Mr. UDALL of Colorado (for himself, Mr. BEGICH, and Ms. HEITKAMP) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3041. Ms. KLOBUCHAR (for herself and Mr. HOEVEN) submitted an amendment intended to be proposed by her to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3042. Ms. KLOBUCHAR submitted an amendment intended to be proposed by her to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3043. Mr. BROWN (for himself and Mr. KIRK) submitted an amendment intended to be proposed by him to the bill S. 2262, supra; which was ordered to lie on the table.

SA 3044. Mr. REID (for Mr. PRYOR (for himself, Mr. COONS, Mr. BEGICH, and Mr. WYDEN)) submitted an amendment intended to be proposed by Mr. Reid, of NV to the bill S. 2262, supra; which was ordered to lie on the table.

TEXT OF AMENDMENTS

SA 3010. Mr. CORNYN submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the end of the bill, add the following:

SEC. ____ . COMPLIANCE WITH LACEY ACT AMENDMENTS OF 1981.

Section 5 of Public Law 112-237 (126 Stat. 1629) is amended by inserting after “zebra mussels” the following: “and other fish, wildlife, and plants present in Lake Texoma that are prohibited under section 3 of such Act (16 U.S.C. 3372) or under section 42 of title 18, United States Code”.

SA 3011. Mr. CORNYN submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5 ____ . APPROVAL OF CERTAIN SETTLEMENTS UNDER ENDANGERED SPECIES ACT OF 1973.

(a) DEFINITIONS.—Section 3 of the Endangered Species Act of 1973 (16 U.S.C. 1532) is amended—

(1) by redesignating paragraphs (12) through (21) as paragraphs (13) through (22), respectively;

(2) by redesignating paragraphs (1) through (10) as paragraphs (2), (3), (4), (5), (7), (8), (9), (10), (11), and (12), respectively;

(3) by inserting before paragraph (2) (as so redesignated) the following:

“(1) AFFECTED PARTY.—The term ‘affected party’ means any person (including a business entity), or any State, tribal government, or local subdivision, the rights of which may be affected by a determination made under section 4(a) in an action brought under section 11(g)(1)(C).”; and

(4) by inserting after paragraph (5) (as so redesignated) the following:

“(6) COVERED SETTLEMENT.—The term ‘covered settlement’ means a consent decree or a settlement agreement in an action brought under section 11(g)(1)(C).”.

(b) INTERVENTION; APPROVAL OF COVERED SETTLEMENT.—Section 11(g) of the Endangered Species Act of 1973 (16 U.S.C. 1540(g)) is amended—

(1) in paragraph (3), by adding at the end the following:

“(C) PUBLISHING COMPLAINT; INTERVENTION.—

“(i) PUBLISHING COMPLAINT.—

“(I) IN GENERAL.—Not later than 30 days after the date on which the plaintiff serves the defendant with the complaint in an action brought under paragraph (1)(C) in accordance with Rule 4 of the Federal Rules of Civil Procedure, the Secretary of the Interior shall publish the complaint in a readily accessible manner, including electronically.

“(II) FAILURE TO MEET DEADLINE.—The failure of the Secretary to meet the 30-day deadline described in subclause (I) shall not be the basis for an action under paragraph (1)(C).

“(ii) INTERVENTION.—

“(I) IN GENERAL.—After the end of the 30-day period described in clause (i), each affected party shall be given a reasonable opportunity to move to intervene in the action described in clause (i), until the end of which a party may not file a motion for a consent decree or to dismiss the case pursuant to a settlement agreement.

“(II) REBUTTABLE PRESUMPTION.—In considering a motion to intervene by any affected party, the court shall presume, subject to rebuttal, that the interests of that affected party would not be represented adequately by the parties to the action described in clause (i).

“(III) REFERRAL TO ALTERNATIVE DISPUTE RESOLUTION.—

“(aa) IN GENERAL.—If the court grants a motion to intervene in the action, the court shall refer the action to facilitate settlement discussions to—

“(AA) the mediation program of the court; or

“(BB) a magistrate judge.

“(bb) PARTIES INCLUDED IN SETTLEMENT DISCUSSIONS.—The settlement discussions described in item (aa) shall include each—

“(AA) plaintiff;

“(BB) defendant agency; and

“(CC) intervenor.”;

(2) by striking paragraph (4) and inserting the following:

“(4) LITIGATION COSTS.—

“(A) IN GENERAL.—Except as provided in subparagraph (B), the court, in issuing any final order in any action brought under paragraph (1), may award costs of litigation (including reasonable attorney and expert witness fees) to any party, whenever the court determines such an award is appropriate.

“(B) COVERED SETTLEMENT.—

“(i) CONSENT DECREES.—The court shall not award costs of litigation in any proposed covered settlement that is a consent decree.

“(ii) OTHER COVERED SETTLEMENTS.—

“(I) IN GENERAL.—For a proposed covered settlement other than a consent decree, the court shall ensure that the covered settlement does not include payment to any plaintiff for the costs of litigation.

“(II) MOTIONS.—The court shall not grant any motion, including a motion to dismiss, based on the proposed covered settlement described in subclause (I) if the covered settlement includes payment to any plaintiff for the costs of litigation.”; and

(3) by adding at the end the following:

“(6) APPROVAL OF COVERED SETTLEMENT.—

“(A) DEFINITION OF SPECIES.—In this paragraph, the term ‘species’ means a species that is the subject of an action brought under paragraph (1)(C).

“(B) IN GENERAL.—

“(i) CONSENT DECREES.—The court shall not approve a proposed covered settlement that is a consent decree unless each State and county in which the Secretary of the Interior believes a species occurs approves the covered settlement.

“(ii) OTHER COVERED SETTLEMENTS.—

“(I) IN GENERAL.—For a proposed covered settlement other than a consent decree, the court shall ensure that the covered settlement is approved by each State and county in which the Secretary of the Interior believes a species occurs.

“(II) MOTIONS.—The court shall not grant any motion, including a motion to dismiss, based on the proposed covered settlement described in subclause (I) unless the covered settlement is approved by each State and county in which the Secretary of the Interior believes a species occurs.

“(C) NOTICE.—

“(i) IN GENERAL.—The Secretary of the Interior shall provide to each State and county in which the Secretary of the Interior believes a species occurs notice of a proposed covered settlement.

“(ii) DETERMINATION OF RELEVANT STATES AND COUNTIES.—The defendant in a covered settlement shall consult with each State described in clause (i) to determine each county in which the Secretary of the Interior believes a species occurs.

“(D) FAILURE TO RESPOND.—The court may approve a covered settlement or grant a motion described in subparagraph (B)(i)(II) if, not later than 45 days after the date on which a State or county is notified under subparagraph (C)—

“(i)(I) a State or county fails to respond; and

“(II) of the States or counties that respond, each State or county approves the covered settlement; or

“(ii) all of the States and counties fail to respond.

“(E) PROOF OF APPROVAL.—The defendant in a covered settlement shall prove any State or county approval described in this paragraph in a form—

“(i) acceptable to the State or county, as applicable; and

“(ii) signed by the State or county official authorized to approve the covered settlement.”.

SA 3012. Mrs. SHAHEEN (for herself and Mr. PORTMAN) submitted an amendment intended to be proposed by her to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; as follows:

Strike all after the enacting clause and insert the following:

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This Act may be cited as the “Energy Savings and Industrial Competitiveness Act of 2014”.

(b) TABLE OF CONTENTS.—The table of contents of this Act is as follows:

Sec. 1. Short title; table of contents.

Sec. 2. Definition of Secretary.

TITLE I—BUILDINGS

Subtitle A—Building Energy Codes

Sec. 101. Greater energy efficiency in building codes.

Subtitle B—Worker Training and Capacity Building

Sec. 111. Building training and assessment centers.

Sec. 112. Career skills training.

Subtitle C—School Buildings

Sec. 121. Coordination of energy retrofitting assistance for schools.

Subtitle D—Better Buildings

Sec. 131. Energy efficiency in Federal and other buildings.

Sec. 132. Separate spaces with high-performance energy efficiency measures.

Sec. 133. Tenant star program.

Subtitle E—Energy Information for Commercial Buildings

Sec. 141. Energy information for commercial buildings.

TITLE II—INDUSTRIAL EFFICIENCY AND COMPETITIVENESS

Subtitle A—Manufacturing Energy Efficiency

Sec. 201. Purposes.

Sec. 202. Future of Industry program.

Sec. 203. Sustainable manufacturing initiative.

Sec. 204. Conforming amendments.

Subtitle B—Supply Star

Sec. 211. Supply Star.

Subtitle C—Electric Motor Rebate Program

Sec. 221. Energy saving motor control, electric motor, and advanced motor systems rebate program.

Subtitle D—Transformer Rebate Program

Sec. 231. Energy efficient transformer rebate program.

TITLE III—FEDERAL AGENCY ENERGY EFFICIENCY

Sec. 301. Energy-efficient and energy-saving information technologies.

Sec. 302. Availability of funds for design updates.

Sec. 303. Energy efficient data centers.

Sec. 304. Budget-neutral demonstration program for energy and water conservation improvements at multifamily residential units.

TITLE IV—REGULATORY PROVISIONS

Subtitle A—Third-party Certification Under Energy Star Program

Sec. 401. Third-party certification under Energy Star program.

Subtitle B—Federal Green Buildings

Sec. 411. High-performance green Federal buildings.

Subtitle C—Water Heaters

Sec. 421. Grid-enabled water heaters.

Subtitle D—Energy Performance Requirement for Federal Buildings

Sec. 431. Energy performance requirement for Federal buildings.

Sec. 432. Federal building energy efficiency performance standards; certification system and level for green buildings.

Sec. 433. Enhanced energy efficiency underwriting.

Subtitle E—Third Party Testing

Sec. 441. Voluntary certification programs for air conditioning, furnace, boiler, heat pump, and water heater products.

TITLE V—MISCELLANEOUS

Sec. 501. Offset.

Sec. 502. Budgetary effects.

Sec. 503. Advance appropriations required.

SEC. 2. DEFINITION OF SECRETARY.

In this Act, the term “Secretary” means the Secretary of Energy.

TITLE I—BUILDINGS

Subtitle A—Building Energy Codes

SEC. 101. GREATER ENERGY EFFICIENCY IN BUILDING CODES.

(a) DEFINITIONS.—Section 303 of the Energy Conservation and Production Act (42 U.S.C. 6832) is amended—

(1) by striking paragraph (14) and inserting the following:

“(14) MODEL BUILDING ENERGY CODE.—The term ‘model building energy code’ means a voluntary building energy code and standards developed and updated through a consensus process among interested persons, such as the IECC or the code used by—

“(A) the Council of American Building Officials, or its legal successor, International Code Council, Inc.;

“(B) the American Society of Heating, Refrigerating, and Air-Conditioning Engineers; or

“(C) other appropriate organizations.”; and

(2) by adding at the end the following:

“(17) IECC.—The term ‘IECC’ means the International Energy Conservation Code.

“(18) INDIAN TRIBE.—The term ‘Indian tribe’ has the meaning given the term in section 4 of the Native American Housing Assistance and Self-Determination Act of 1996 (25 U.S.C. 4103).”.

(b) STATE BUILDING ENERGY EFFICIENCY CODES.—Section 304 of the Energy Conservation and Production Act (42 U.S.C. 6833) is amended to read as follows:

“SEC. 304. UPDATING STATE BUILDING ENERGY EFFICIENCY CODES.

“(a) IN GENERAL.—The Secretary shall—

“(1) encourage and support the adoption of building energy codes by States, Indian tribes, and, as appropriate, by local governments that meet or exceed the model building energy codes, or achieve equivalent or greater energy savings; and

“(2) support full compliance with the State and local codes.

“(b) STATE AND INDIAN TRIBE CERTIFICATION OF BUILDING ENERGY CODE UPDATES.—

“(1) REVIEW AND UPDATING OF CODES BY EACH STATE AND INDIAN TRIBE.—

“(A) IN GENERAL.—Not later than 2 years after the date on which a model building energy code is updated, each State or Indian tribe shall certify whether or not the State or Indian tribe, respectively, has reviewed and updated the energy provisions of the building code of the State or Indian tribe, respectively.

“(B) DEMONSTRATION.—The certification shall include a demonstration of whether or not the energy savings for the code provisions that are in effect throughout the State or Indian tribal territory meet or exceed—

“(i) the energy savings of the updated model building energy code; or

“(ii) the targets established under section 307(b)(2).

“(C) NO MODEL BUILDING ENERGY CODE UPDATE.—If a model building energy code is not updated by a target date established under section 307(b)(2)(D), each State or Indian tribe shall, not later than 2 years after the specified date, certify whether or not the State or Indian tribe, respectively, has reviewed and updated the energy provisions of the building code of the State or Indian tribe, respectively, to meet or exceed the target in section 307(b)(2).

“(2) VALIDATION BY SECRETARY.—Not later than 90 days after a State or Indian tribe certification under paragraph (1), the Secretary shall—

“(A) determine whether the code provisions of the State or Indian tribe, respectively, meet the criteria specified in paragraph (1); and

“(B) if the determination is positive, validate the certification.

“(c) IMPROVEMENTS IN COMPLIANCE WITH BUILDING ENERGY CODES.—

“(1) REQUIREMENT.—

“(A) IN GENERAL.—Not later than 3 years after the date of a certification under subsection (b), each State and Indian tribe shall certify whether or not the State and Indian tribe, respectively, has—

“(i) achieved full compliance under paragraph (3) with the applicable certified State and Indian tribe building energy code or with the associated model building energy code; or

“(ii) made significant progress under paragraph (4) toward achieving compliance with the applicable certified State and Indian tribe building energy code or with the associated model building energy code.

“(B) REPEAT CERTIFICATIONS.—If the State or Indian tribe certifies progress toward achieving compliance, the State or Indian tribe shall repeat the certification until the State or Indian tribe certifies that the State or Indian tribe has achieved full compliance, respectively.

“(2) MEASUREMENT OF COMPLIANCE.—A certification under paragraph (1) shall include documentation of the rate of compliance based on—

“(A) independent inspections of a random sample of the buildings covered by the code in the preceding year; or

“(B) an alternative method that yields an accurate measure of compliance.

“(3) ACHIEVEMENT OF COMPLIANCE.—A State or Indian tribe shall be considered to achieve full compliance under paragraph (1) if—

“(A) at least 90 percent of building space covered by the code in the preceding year substantially meets all the requirements of the applicable code specified in paragraph (1), or achieves equivalent or greater energy savings level; or

“(B) the estimated excess energy use of buildings that did not meet the applicable code specified in paragraph (1) in the preceding year, compared to a baseline of comparable buildings that meet this code, is not more than 5 percent of the estimated energy use of all buildings covered by this code during the preceding year.

“(4) SIGNIFICANT PROGRESS TOWARD ACHIEVEMENT OF COMPLIANCE.—A State or Indian tribe shall be considered to have made significant progress toward achieving compliance for purposes of paragraph (1) if the State or Indian tribe—

“(A) has developed and is implementing a plan for achieving compliance during the 8-year-period beginning on the date of enactment of this paragraph, including annual targets for compliance and active training and enforcement programs; and

“(B) has met the most recent target under subparagraph (A).

“(5) VALIDATION BY SECRETARY.—Not later than 90 days after a State or Indian tribe certification under paragraph (1), the Secretary shall—

“(A) determine whether the State or Indian tribe has demonstrated meeting the criteria of this subsection, including accurate measurement of compliance; and

“(B) if the determination is positive, validate the certification.

“(d) STATES OR INDIAN TRIBES THAT DO NOT ACHIEVE COMPLIANCE.—

“(1) REPORTING.—A State or Indian tribe that has not made a certification required under subsection (b) or (c) by the applicable deadline shall submit to the Secretary a report on—

“(A) the status of the State or Indian tribe with respect to meeting the requirements and submitting the certification; and

“(B) a plan for meeting the requirements and submitting the certification.

“(2) FEDERAL SUPPORT.—For any State or Indian tribe for which the Secretary has not validated a certification by a deadline under subsection (b) or (c), the lack of the certification may be a consideration for Federal support authorized under this section for code adoption and compliance activities.

“(3) LOCAL GOVERNMENT.—In any State or Indian tribe for which the Secretary has not

validated a certification under subsection (b) or (c), a local government may be eligible for Federal support by meeting the certification requirements of subsections (b) and (c).

“(4) ANNUAL REPORTS BY SECRETARY.—

“(A) IN GENERAL.—The Secretary shall annually submit to Congress, and publish in the Federal Register, a report on—

“(i) the status of model building energy codes;

“(ii) the status of code adoption and compliance in the States and Indian tribes;

“(iii) implementation of this section; and

“(iv) improvements in energy savings over time as result of the targets established under section 307(b)(2).

“(B) IMPACTS.—The report shall include estimates of impacts of past action under this section, and potential impacts of further action, on—

“(i) upfront financial and construction costs, cost benefits and returns (using investment analysis), and lifetime energy use for buildings;

“(ii) resulting energy costs to individuals and businesses; and

“(iii) resulting overall annual building ownership and operating costs.

“(e) TECHNICAL ASSISTANCE TO STATES AND INDIAN TRIBES.—The Secretary shall provide technical assistance to States and Indian tribes to implement the goals and requirements of this section, including procedures and technical analysis for States and Indian tribes—

“(1) to improve and implement State residential and commercial building energy codes;

“(2) to demonstrate that the code provisions of the States and Indian tribes achieve equivalent or greater energy savings than the model building energy codes and targets;

“(3) to document the rate of compliance with a building energy code; and

“(4) to otherwise promote the design and construction of energy efficient buildings.

“(f) AVAILABILITY OF INCENTIVE FUNDING.—

“(1) IN GENERAL.—The Secretary shall provide incentive funding to States and Indian tribes—

“(A) to implement the requirements of this section;

“(B) to improve and implement residential and commercial building energy codes, including increasing and verifying compliance with the codes and training of State, tribal, and local building code officials to implement and enforce the codes; and

“(C) to promote building energy efficiency through the use of the codes.

“(2) ADDITIONAL FUNDING.—Additional funding shall be provided under this subsection for implementation of a plan to achieve and document full compliance with residential and commercial building energy codes under subsection (c)—

“(A) to a State or Indian tribe for which the Secretary has validated a certification under subsection (b) or (c); and

“(B) in a State or Indian tribe that is not eligible under subparagraph (A), to a local government that is eligible under this section.

“(3) TRAINING.—Of the amounts made available under this subsection, the State or Indian tribe may use amounts required, but not to exceed \$750,000 for a State, to train State and local building code officials to implement and enforce codes described in paragraph (2).

“(4) LOCAL GOVERNMENTS.—States may share grants under this subsection with local governments that implement and enforce the codes.

“(g) STRETCH CODES AND ADVANCED STANDARDS.—

“(1) IN GENERAL.—The Secretary shall provide technical and financial support for the

development of stretch codes and advanced standards for residential and commercial buildings for use as—

“(A) an option for adoption as a building energy code by local, tribal, or State governments; and

“(B) guidelines for energy-efficient building design.

“(2) TARGETS.—The stretch codes and advanced standards shall be designed—

“(A) to achieve substantial energy savings compared to the model building energy codes; and

“(B) to meet targets under section 307(b), if available, at least 3 to 6 years in advance of the target years.

“(h) STUDIES.—The Secretary, in consultation with building science experts from the National Laboratories and institutions of higher education, designers and builders of energy-efficient residential and commercial buildings, code officials, and other stakeholders, shall undertake a study of the feasibility, impact, economics, and merit of—

“(1) code improvements that would require that buildings be designed, sited, and constructed in a manner that makes the buildings more adaptable in the future to become zero-net-energy after initial construction, as advances are achieved in energy-saving technologies;

“(2) code procedures to incorporate measured lifetimes, not just first-year energy use, in trade-offs and performance calculations; and

“(3) legislative options for increasing energy savings from building energy codes, including additional incentives for effective State and local action, and verification of compliance with and enforcement of a code other than by a State or local government.

“(i) EFFECT ON OTHER LAWS.—Nothing in this section or section 307 supersedes or modifies the application of sections 321 through 346 of the Energy Policy and Conservation Act (42 U.S.C. 6291 et seq.).

“(j) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section and section 307 \$200,000,000, to remain available until expended.”

(c) FEDERAL BUILDING ENERGY EFFICIENCY STANDARDS.—Section 305 of the Energy Conservation and Production Act (42 U.S.C. 6834) is amended by striking “voluntary building energy code” each place it appears in subsections (a)(2)(B) and (b) and inserting “model building energy code”.

(d) MODEL BUILDING ENERGY CODES.—Section 307 of the Energy Conservation and Production Act (42 U.S.C. 6836) is amended to read as follows:

“SEC. 307. SUPPORT FOR MODEL BUILDING ENERGY CODES.

“(a) IN GENERAL.—The Secretary shall support the updating of model building energy codes.

“(b) TARGETS.—

“(1) IN GENERAL.—The Secretary shall support the updating of the model building energy codes to enable the achievement of aggregate energy savings targets established under paragraph (2).

“(2) TARGETS.—

“(A) IN GENERAL.—The Secretary shall work with State, Indian tribes, local governments, nationally recognized code and standards developers, and other interested parties to support the updating of model building energy codes by establishing one or more aggregate energy savings targets to achieve the purposes of this section.

“(B) SEPARATE TARGETS.—The Secretary may establish separate targets for commercial and residential buildings.

“(C) BASELINES.—The baseline for updating model building energy codes shall be the 2009 IECC for residential buildings and ASHRAE Standard 90.1-2010 for commercial buildings.

“(D) SPECIFIC YEARS.—

“(i) IN GENERAL.—Targets for specific years shall be established and revised by the Secretary through rulemaking and coordinated with nationally recognized code and standards developers at a level that—

“(I) is at the maximum level of energy efficiency that is technologically feasible and life-cycle cost effective, while accounting for the economic considerations under paragraph (4);

“(II) is higher than the preceding target; and

“(III) promotes the achievement of commercial and residential high-performance buildings through high performance energy efficiency (within the meaning of section 401 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17061)).

“(ii) INITIAL TARGETS.—Not later than 1 year after the date of enactment of this clause, the Secretary shall establish initial targets under this subparagraph.

“(iii) DIFFERENT TARGET YEARS.—Subject to clause (i), prior to the applicable year, the Secretary may set a later target year for any of the model building energy codes described in subparagraph (A) if the Secretary determines that a target cannot be met.

“(iv) SMALL BUSINESS.—When establishing targets under this paragraph through rulemaking, the Secretary shall ensure compliance with the Small Business Regulatory Enforcement Fairness Act of 1996 (5 U.S.C. 601 note; Public Law 104-121).

“(3) APPLIANCE STANDARDS AND OTHER FACTORS AFFECTING BUILDING ENERGY USE.—In establishing building code targets under paragraph (2), the Secretary shall develop and adjust the targets in recognition of potential savings and costs relating to—

“(A) efficiency gains made in appliances, lighting, windows, insulation, and building envelope sealing;

“(B) advancement of distributed generation and on-site renewable power generation technologies;

“(C) equipment improvements for heating, cooling, and ventilation systems;

“(D) building management systems and SmartGrid technologies to reduce energy use; and

“(E) other technologies, practices, and building systems that the Secretary considers appropriate regarding building plug load and other energy uses.

“(4) ECONOMIC CONSIDERATIONS.—In establishing and revising building code targets under paragraph (2), the Secretary shall consider the economic feasibility of achieving the proposed targets established under this section and the potential costs and savings for consumers and building owners, including a return on investment analysis.

“(c) TECHNICAL ASSISTANCE TO MODEL BUILDING ENERGY CODE-SETTING AND STANDARD DEVELOPMENT ORGANIZATIONS.—

“(1) IN GENERAL.—The Secretary shall, on a timely basis, provide technical assistance to model building energy code-setting and standard development organizations consistent with the goals of this section.

“(2) ASSISTANCE.—The assistance shall include, as requested by the organizations, technical assistance in—

“(A) evaluating code or standards proposals or revisions;

“(B) building energy analysis and design tools;

“(C) building demonstrations;

“(D) developing definitions of energy use intensity and building types for use in model building energy codes to evaluate the efficiency impacts of the model building energy codes;

“(E) performance-based standards;

“(F) evaluating economic considerations under subsection (b)(4); and

“(G) developing model building energy codes by Indian tribes in accordance with tribal law.

“(3) AMENDMENT PROPOSALS.—The Secretary may submit timely model building energy code amendment proposals to the model building energy code-setting and standard development organizations, with supporting evidence, sufficient to enable the model building energy codes to meet the targets established under subsection (b)(2).

“(4) ANALYSIS METHODOLOGY.—The Secretary shall make publicly available the entire calculation methodology (including input assumptions and data) used by the Secretary to estimate the energy savings of code or standard proposals and revisions.

“(d) DETERMINATION.—

“(1) REVISION OF MODEL BUILDING ENERGY CODES.—If the provisions of the IECC or ASHRAE Standard 90.1 regarding building energy use are revised, the Secretary shall make a preliminary determination not later than 90 days after the date of the revision, and a final determination not later than 15 months after the date of the revision, on whether or not the revision will—

“(A) improve energy efficiency in buildings compared to the existing model building energy code; and

“(B) meet the applicable targets under subsection (b)(2).

“(2) CODES OR STANDARDS NOT MEETING TARGETS.—

“(A) IN GENERAL.—If the Secretary makes a preliminary determination under paragraph (1)(B) that a code or standard does not meet the targets established under subsection (b)(2), the Secretary may at the same time provide the model building energy code or standard developer with proposed changes that would result in a model building energy code that meets the targets and with supporting evidence, taking into consideration—

“(i) whether the modified code is technically feasible and life-cycle cost effective;

“(ii) available appliances, technologies, materials, and construction practices; and

“(iii) the economic considerations under subsection (b)(4).

“(B) INCORPORATION OF CHANGES.—

“(i) IN GENERAL.—On receipt of the proposed changes, the model building energy code or standard developer shall have an additional 270 days to accept or reject the proposed changes of the Secretary to the model building energy code or standard for the Secretary to make a final determination.

“(ii) FINAL DETERMINATION.—A final determination under paragraph (1) shall be on the modified model building energy code or standard.

“(e) ADMINISTRATION.—In carrying out this section, the Secretary shall—

“(1) publish notice of targets and supporting analysis and determinations under this section in the Federal Register to provide an explanation of and the basis for such actions, including any supporting modeling, data, assumptions, protocols, and cost-benefit analysis, including return on investment; and

“(2) provide an opportunity for public comment on targets and supporting analysis and determinations under this section.

“(f) VOLUNTARY CODES AND STANDARDS.—Notwithstanding any other provision of this section, any model building code or standard established under section 304 shall not be binding on a State, local government, or Indian tribe as a matter of Federal law.”

Subtitle B—Worker Training and Capacity Building

SEC. 111. BUILDING TRAINING AND ASSESSMENT CENTERS.

(a) IN GENERAL.—The Secretary shall provide grants to institutions of higher edu-

cation (as defined in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001)) and Tribal Colleges or Universities (as defined in section 316(b) of that Act (20 U.S.C. 1059c(b))) to establish building training and assessment centers—

(1) to identify opportunities for optimizing energy efficiency and environmental performance in buildings;

(2) to promote the application of emerging concepts and technologies in commercial and institutional buildings;

(3) to train engineers, architects, building scientists, building energy permitting and enforcement officials, and building technicians in energy-efficient design and operation;

(4) to assist institutions of higher education and Tribal Colleges or Universities in training building technicians;

(5) to promote research and development for the use of alternative energy sources and distributed generation to supply heat and power for buildings, particularly energy-intensive buildings; and

(6) to coordinate with and assist State-accredited technical training centers, community colleges, Tribal Colleges or Universities, and local offices of the National Institute of Food and Agriculture and ensure appropriate services are provided under this section to each region of the United States.

(b) COORDINATION AND NONDUPLICATION.—

(1) IN GENERAL.—The Secretary shall coordinate the program with the industrial research and assessment centers program and with other Federal programs to avoid duplication of effort.

(2) COLLOCATION.—To the maximum extent practicable, building, training, and assessment centers established under this section shall be collocated with Industrial Assessment Centers.

(c) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section \$10,000,000, to remain available until expended.

SEC. 112. CAREER SKILLS TRAINING.

(a) IN GENERAL.—The Secretary shall pay grants to eligible entities described in subsection (b) to pay the Federal share of associated career skills training programs under which students concurrently receive classroom instruction and on-the-job training for the purpose of obtaining an industry-related certification to install energy efficient buildings technologies, including technologies described in section 307(b)(3) of the Energy Conservation and Production Act (42 U.S.C. 6836(b)(3)).

(b) ELIGIBILITY.—To be eligible to obtain a grant under subsection (a), an entity shall be a nonprofit partnership described in section 171(e)(2)(B)(ii) of the Workforce Investment Act of 1998 (29 U.S.C. 2916(e)(2)(B)(ii)).

(c) FEDERAL SHARE.—The Federal share of the cost of carrying out a career skills training program described in subsection (a) shall be 50 percent.

(d) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section \$10,000,000, to remain available until expended.

Subtitle C—School Buildings

SEC. 121. COORDINATION OF ENERGY RETROFITTING ASSISTANCE FOR SCHOOLS.

(a) DEFINITION OF SCHOOL.—In this section, the term “school” means—

(1) an elementary school or secondary school (as defined in section 9101 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 7801));

(2) an institution of higher education (as defined in section 102(a) of the Higher Education Act of 1965 (20 U.S.C. 1002(a));

(3) a school of the defense dependents' education system under the Defense Dependents'

Education Act of 1978 (20 U.S.C. 921 et seq.) or established under section 2164 of title 10, United States Code;

(4) a school operated by the Bureau of Indian Affairs;

(5) a tribally controlled school (as defined in section 5212 of the Tribally Controlled Schools Act of 1988 (25 U.S.C. 2511)); and

(6) a Tribal College or University (as defined in section 316(b) of the Higher Education Act of 1965 (20 U.S.C. 1059c(b))).

(b) DESIGNATION OF LEAD AGENCY.—The Secretary, acting through the Office of Energy Efficiency and Renewable Energy, shall act as the lead Federal agency for coordinating and disseminating information on existing Federal programs and assistance that may be used to help initiate, develop, and finance energy efficiency, renewable energy, and energy retrofitting projects for schools.

(c) REQUIREMENTS.—In carrying out coordination and outreach under subsection (b), the Secretary shall—

(1) in consultation and coordination with the appropriate Federal agencies, carry out a review of existing programs and financing mechanisms (including revolving loan funds and loan guarantees) available in or from the Department of Agriculture, the Department of Energy, the Department of Education, the Department of the Treasury, the Internal Revenue Service, the Environmental Protection Agency, and other appropriate Federal agencies with jurisdiction over energy financing and facilitation that are currently used or may be used to help initiate, develop, and finance energy efficiency, renewable energy, and energy retrofitting projects for schools;

(2) establish a Federal cross-departmental collaborative coordination, education, and outreach effort to streamline communication and promote available Federal opportunities and assistance described in paragraph (1), for energy efficiency, renewable energy, and energy retrofitting projects that enables States, local educational agencies, and schools—

(A) to use existing Federal opportunities more effectively; and

(B) to form partnerships with Governors, State energy programs, local educational, financial, and energy officials, State and local government officials, nonprofit organizations, and other appropriate entities, to support the initiation of the projects;

(3) provide technical assistance for States, local educational agencies, and schools to help develop and finance energy efficiency, renewable energy, and energy retrofitting projects—

(A) to increase the energy efficiency of buildings or facilities;

(B) to install systems that individually generate energy from renewable energy resources;

(C) to establish partnerships to leverage economies of scale and additional financing mechanisms available to larger clean energy initiatives; or

(D) to promote—

(i) the maintenance of health, environmental quality, and safety in schools, including the ambient air quality, through energy efficiency, renewable energy, and energy retrofit projects; and

(ii) the achievement of expected energy savings and renewable energy production through proper operations and maintenance practices;

(4) develop and maintain a single online resource Web site with contact information for relevant technical assistance and support staff in the Office of Energy Efficiency and Renewable Energy for States, local educational agencies, and schools to effectively access and use Federal opportunities and assistance described in paragraph (1) to de-

velop energy efficiency, renewable energy, and energy retrofitting projects; and

(5) establish a process for recognition of schools that—

(A) have successfully implemented energy efficiency, renewable energy, and energy retrofitting projects; and

(B) are willing to serve as resources for other local educational agencies and schools to assist initiation of similar efforts.

(d) REPORT.—Not later than 180 days after the date of enactment of this Act, the Secretary shall submit to Congress a report describing the implementation of this section.

Subtitle D—Better Buildings

SEC. 131. ENERGY EFFICIENCY IN FEDERAL AND OTHER BUILDINGS.

(a) DEFINITIONS.—In this section:

(1) ADMINISTRATOR.—The term “Administrator” means the Administrator of General Services.

(2) COST-EFFECTIVE ENERGY EFFICIENCY MEASURE.—The terms “cost-effective energy efficiency measure” and “measure” mean any building product, material, equipment, or service and the installing, implementing, or operating thereof, that provides energy savings in an amount that is not less than the cost of such installing, implementing, or operating.

(b) MODEL PROVISIONS, POLICIES, AND BEST PRACTICES.—

(1) IN GENERAL.—Not later than 180 days after the date of enactment of this Act, the Administrator, in consultation with the Secretary and after providing the public with an opportunity for notice and comment, shall develop model leasing provisions and best practices in accordance with this subsection.

(2) COMMERCIAL LEASING.—

(A) IN GENERAL.—The model commercial leasing provisions developed under this subsection shall, at a minimum, align the interests of building owners and tenants with regard to investments in cost-effective energy efficiency measures to encourage building owners and tenants to collaborate to invest in such measures.

(B) USE OF MODEL PROVISIONS.—The Administrator may use the model provisions developed under this subsection in any standard leasing document that designates a Federal agency (or other client of the Administrator) as a landlord or tenant.

(C) PUBLICATION.—The Administrator shall periodically publish the model leasing provisions developed under this subsection, along with explanatory materials, to encourage building owners and tenants in the private sector to use such provisions and materials.

(3) REALTY SERVICES.—The Administrator shall develop policies and practices to implement cost-effective energy efficiency measures for the realty services provided by the Administrator to Federal agencies (or other clients of the Administrator), including periodic training of appropriate Federal employees and contractors on how to identify and evaluate those measures.

(4) STATE AND LOCAL ASSISTANCE.—The Administrator, in consultation with the Secretary, shall make available model leasing provisions and best practices developed under this subsection to State, county, and municipal governments to manage owned and leased building space in accordance with the goal of encouraging investment in all cost-effective energy efficiency measures.

SEC. 132. SEPARATE SPACES WITH HIGH-PERFORMANCE ENERGY EFFICIENCY MEASURES.

Subtitle B of title IV of the Energy Independence and Security Act of 2007 (42 U.S.C. 17081 et seq.) is amended by adding at the end the following:

“SEC. 424. SEPARATE SPACES WITH HIGH-PERFORMANCE ENERGY EFFICIENCY MEASURES.

“(a) DEFINITIONS.—In this section:

“(1) HIGH-PERFORMANCE ENERGY EFFICIENCY MEASURE.—The term ‘high-performance energy efficiency measure’ means a technology, product, or practice that will result in substantial operational cost savings by reducing energy consumption and utility costs.

“(2) SEPARATE SPACES.—The term ‘separate spaces’ means areas within a commercial building that are leased or otherwise occupied by a tenant or other occupant for a period of time pursuant to the terms of a written agreement.

“(b) STUDY.—

“(1) IN GENERAL.—Not later than 1 year after the date of enactment of this section, the Secretary, acting through the Assistant Secretary of Energy Efficiency and Renewable Energy, shall complete a study on the feasibility of—

“(A) significantly improving energy efficiency in commercial buildings through the design and construction, by owners and tenants, of separate spaces with high-performance energy efficiency measures; and

“(B) encouraging owners and tenants to implement high-performance energy efficiency measures in separate spaces.

“(2) SCOPE.—The study shall, at a minimum, include—

“(A) descriptions of—

“(i) high-performance energy efficiency measures that should be considered as part of the initial design and construction of separate spaces;

“(ii) processes that owners, tenants, architects, and engineers may replicate when designing and constructing separate spaces with high-performance energy efficiency measures;

“(iii) policies and best practices to achieve reductions in energy intensities for lighting, plug loads, heating, cooling, cooking, laundry, and other systems to satisfy the needs of the commercial building tenant;

“(iv) return on investment and payback analyses of the incremental cost and projected energy savings of the proposed set of high-performance energy efficiency measures, including consideration of available incentives;

“(v) models and simulation methods that predict the quantity of energy used by separate spaces with high-performance energy efficiency measures and that compare that predicted quantity to the quantity of energy used by separate spaces without high-performance energy efficiency measures but that otherwise comply with applicable building code requirements;

“(vi) measurement and verification platforms demonstrating actual energy use of high-performance energy efficiency measures installed in separate spaces, and whether such measures generate the savings intended in the initial design and construction of the separate spaces;

“(vii) best practices that encourage an integrated approach to designing and constructing separate spaces to perform at optimum energy efficiency in conjunction with the central systems of a commercial building; and

“(viii) any impact on employment resulting from the design and construction of separate spaces with high-performance energy efficiency measures; and

“(B) case studies reporting economic and energy saving returns in the design and construction of separate spaces with high-performance energy efficiency measures.

“(3) PUBLIC PARTICIPATION.—Not later than 90 days after the date of the enactment of this section, the Secretary shall publish a notice in the Federal Register requesting

public comments regarding effective methods, measures, and practices for the design and construction of separate spaces with high-performance energy efficiency measures.

“(4) PUBLICATION.—The Secretary shall publish the study on the website of the Department of Energy.”

SEC. 133. TENANT STAR PROGRAM.

Subtitle B of title IV of the Energy Independence and Security Act of 2007 (42 U.S.C. 17081 et seq.) (as amended by section 132) is amended by adding at the end the following:

“SEC. 425. TENANT STAR PROGRAM.

“(a) DEFINITIONS.—In this section:

“(1) HIGH-PERFORMANCE ENERGY EFFICIENCY MEASURE.—The term ‘high-performance energy efficiency measure’ has the meaning given the term in section 424.

“(2) SEPARATE SPACES.—The term ‘separate spaces’ has the meaning given the term in section 424.

“(b) TENANT STAR.—The Administrator of the Environmental Protection Agency, in consultation with the Secretary of Energy, shall develop a voluntary program within the Energy Star program established by section 324A of the Energy Policy and Conservation Act (42 U.S.C. 6294a), which may be known as Tenant Star, to promote energy efficiency in separate spaces leased by tenants or otherwise occupied within commercial buildings.

“(c) EXPANDING SURVEY DATA.—The Secretary of Energy, acting through the Administrator of the Energy Information Administration, shall—

“(1) collect, through each Commercial Buildings Energy Consumption Survey of the Energy Information Administration that is conducted after the date of enactment of this section, data on—

“(A) categories of building occupancy that are known to consume significant quantities of energy, such as occupancy by data centers, trading floors, and restaurants; and

“(B) other aspects of the property, building operation, or building occupancy determined by the Administrator of the Energy Information Administration, in consultation with the Administrator of the Environmental Protection Agency, to be relevant in lowering energy consumption;

“(2) with respect to the first Commercial Buildings Energy Consumption Survey conducted after the date of enactment of this section, to the extent full compliance with the requirements of paragraph (1) is not feasible, conduct activities to develop the capability to collect such data and begin to collect such data; and

“(3) make data collected under paragraphs (1) and (2) available to the public in aggregated form and provide such data, and any associated results, to the Administrator of the Environmental Protection Agency for use in accordance with subsection (d).

“(d) RECOGNITION OF OWNERS AND TENANTS.—

“(1) OCCUPANCY-BASED RECOGNITION.—Not later than 1 year after the date on which sufficient data is received pursuant to subsection (c), the Administrator of the Environmental Protection Agency shall, following an opportunity for public notice and comment—

“(A) in a manner similar to the Energy Star rating system for commercial buildings, develop policies and procedures to recognize tenants in commercial buildings that voluntarily achieve high levels of energy efficiency in separate spaces;

“(B) establish building occupancy categories eligible for Tenant Star recognition based on the data collected under subsection (c) and any other appropriate data sources; and

“(C) consider other forms of recognition for commercial building tenants or other occupants that lower energy consumption in separate spaces.

“(2) DESIGN- AND CONSTRUCTION-BASED RECOGNITION.—After the study required by section 424(b) is completed, the Administrator of the Environmental Protection Agency, in consultation with the Secretary and following an opportunity for public notice and comment, may develop a voluntary program to recognize commercial building owners and tenants that use high-performance energy efficiency measures in the design and construction of separate spaces.”

Subtitle E—Energy Information for Commercial Buildings

SEC. 141. ENERGY INFORMATION FOR COMMERCIAL BUILDINGS.

(a) REQUIREMENT OF BENCHMARKING AND DISCLOSURE FOR LEASING BUILDINGS WITHOUT ENERGY STAR LABELS.—Section 435(b)(2) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17091(b)(2)) is amended—

(1) by striking “paragraph (2)” and inserting “paragraph (1)”; and

(2) by striking “signing the contract,” and all that follows through the period at the end and inserting the following:

“signing the contract, the following requirements are met:

“(A) The space is renovated for all energy efficiency and conservation improvements that would be cost effective over the life of the lease, including improvements in lighting, windows, and heating, ventilation, and air conditioning systems.

“(B)(i) Subject to clause (ii), the space is benchmarked under a nationally recognized, online, free benchmarking program, with public disclosure, unless the space is a space for which owners cannot access whole building utility consumption data, including spaces—

“(I) that are located in States with privacy laws that provide that utilities shall not provide such aggregated information to multitenant building owners; and

“(II) for which tenants do not provide energy consumption information to the commercial building owner in response to a request from the building owner.

“(ii) A Federal agency that is a tenant of the space shall provide to the building owner, or authorize the owner to obtain from the utility, the energy consumption information of the space for the benchmarking and disclosure required by this subparagraph.”

(b) DEPARTMENT OF ENERGY STUDY.—

(1) IN GENERAL.—Not later than 2 years after the date of enactment of this Act, the Secretary shall complete a study, with opportunity for public comment—

(A) on the impact of—

(i) State and local performance benchmarking and disclosure policies, and any associated building efficiency policies, for commercial and multifamily buildings; and

(ii) programs and systems in which utilities provide aggregated information regarding whole building energy consumption and usage information to owners of multitenant commercial, residential, and mixed-use buildings;

(B) that identifies best practice policy approaches studied under subparagraph (A) that have resulted in the greatest improvements in building energy efficiency; and

(C) that considers—

(i) compliance rates and the benefits and costs of the policies and programs on building owners, utilities, tenants, and other parties;

(ii) utility practices, programs, and systems that provide aggregated energy consumption information to multitenant build-

ing owners, and the impact of public utility commissions and State privacy laws on those practices, programs, and systems;

(iii) exceptions to compliance in existing laws where building owners are not able to gather or access whole building energy information from tenants or utilities;

(iv) the treatment of buildings with—

(I) multiple uses;

(II) uses for which baseline information is not available; and

(III) uses that require high levels of energy intensities, such as data centers, trading floors, and television studios;

(v) implementation practices, including disclosure methods and phase-in of compliance;

(vi) the safety and security of benchmarking tools offered by government agencies, and the resiliency of those tools against cyber-attacks; and

(vii) international experiences with regard to building benchmarking and disclosure laws and data aggregation for multitenant buildings.

(2) SUBMISSION TO CONGRESS.—At the conclusion of the study, the Secretary shall submit to Congress a report on the results of the study.

(c) CREATION AND MAINTENANCE OF DATABASES.—

(1) IN GENERAL.—Not later than 18 months after the date of enactment of this Act and following opportunity for public notice and comment, the Secretary, in coordination with other relevant agencies shall, to carry out the purpose described in paragraph (2)—

(A) assess existing databases; and

(B) as necessary—

(i) modify and maintain existing databases; or

(ii) create and maintain a new database platform.

(2) PURPOSE.—The maintenance of existing databases or creation of a new database platform under paragraph (1) shall be for the purpose of storing and making available public energy-related information on commercial and multifamily buildings, including—

(A) data provided under Federal, State, local, and other laws or programs regarding building benchmarking and energy information disclosure;

(B) buildings that have received energy ratings and certifications; and

(C) energy-related information on buildings provided voluntarily by the owners of the buildings, in an anonymous form, unless the owner provides otherwise.

(d) COMPETITIVE AWARDS.—Based on the results of the research for the portion of the study described in subsection (b)(1)(A)(ii), and with criteria developed following public notice and comment, the Secretary may make competitive awards to utilities, utility regulators, and utility partners to develop and implement effective and promising programs to provide aggregated whole building energy consumption information to multitenant building owners.

(e) INPUT FROM STAKEHOLDERS.—The Secretary shall seek input from stakeholders to maximize the effectiveness of the actions taken under this section.

(f) REPORT.—Not later than 2 years after the date of enactment of this Act, and every 2 years thereafter, the Secretary shall submit to Congress a report on the progress made in complying with this section.

(g) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out subsection (b) \$2,500,000 for each of fiscal years 2014 through 2018, to remain available until expended.

TITLE II—INDUSTRIAL EFFICIENCY AND COMPETITIVENESS

Subtitle A—Manufacturing Energy Efficiency

SEC. 201. PURPOSES.

The purposes of this subtitle are—

(1) to reform and reorient the industrial efficiency programs of the Department of Energy;

(2) to establish a clear and consistent authority for industrial efficiency programs of the Department;

(3) to accelerate the deployment of technologies and practices that will increase industrial energy efficiency and improve productivity;

(4) to accelerate the development and demonstration of technologies that will assist the deployment goals of the industrial efficiency programs of the Department and increase manufacturing efficiency;

(5) to stimulate domestic economic growth and improve industrial productivity and competitiveness; and

(6) to strengthen partnerships between Federal and State governmental agencies and the private and academic sectors.

SEC. 202. FUTURE OF INDUSTRY PROGRAM.

(a) IN GENERAL.—Section 452 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17111) is amended by striking the section heading and inserting the following: “FUTURE OF INDUSTRY PROGRAM”.

(b) DEFINITION OF ENERGY SERVICE PROVIDER.—Section 452(a) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17111(a)) is amended—

(1) by redesignating paragraphs (3) through (5) as paragraphs (4) through (6), respectively; and

(2) by inserting after paragraph (2):

“(3) ENERGY SERVICE PROVIDER.—The term ‘energy service provider’ means any business providing technology or services to improve the energy efficiency, power factor, or load management of a manufacturing site or other industrial process in an energy-intensive industry, or any utility operating under a utility energy service project.”.

(c) INDUSTRIAL RESEARCH AND ASSESSMENT CENTERS.—Section 452(e) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17111(e)) is amended—

(1) by redesignating paragraphs (1) through (5) as subparagraphs (A) through (E), respectively, and indenting appropriately;

(2) by striking “The Secretary” and inserting the following:

“(1) IN GENERAL.—The Secretary”;

(3) in subparagraph (A) (as redesignated by paragraph (1)), by inserting before the semicolon at the end the following: “, including assessments of sustainable manufacturing goals and the implementation of information technology advancements for supply chain analysis, logistics, system monitoring, industrial and manufacturing processes, and other purposes”; and

(4) by adding at the end the following:

“(2) COORDINATION.—

“(A) IN GENERAL.—To increase the value and capabilities of the industrial research and assessment centers, the centers shall—

“(i) coordinate with Manufacturing Extension Partnership Centers of the National Institute of Standards and Technology;

“(ii) coordinate with the Building Technologies Program of the Department of Energy to provide building assessment services to manufacturers;

“(iii) increase partnerships with the National Laboratories of the Department of Energy to leverage the expertise and technologies of the National Laboratories for national industrial and manufacturing needs;

“(iv) increase partnerships with energy service providers and technology providers to leverage private sector expertise and ac-

celerate deployment of new and existing technologies and processes for energy efficiency, power factor, and load management;

“(v) identify opportunities for reducing greenhouse gas emissions; and

“(vi) promote sustainable manufacturing practices for small- and medium-sized manufacturers.”.

“(3) OUTREACH.—The Secretary shall provide funding for—

“(A) outreach activities by the industrial research and assessment centers to inform small- and medium-sized manufacturers of the information, technologies, and services available; and

“(B) coordination activities by each industrial research and assessment center to leverage efforts with—

“(i) Federal and State efforts;

“(ii) the efforts of utilities and energy service providers;

“(iii) the efforts of regional energy efficiency organizations; and

“(iv) the efforts of other industrial research and assessment centers.”.

“(4) WORKFORCE TRAINING.—

“(A) IN GENERAL.—The Secretary shall pay the Federal share of associated internship programs under which students work with or for industries, manufacturers, and energy service providers to implement the recommendations of industrial research and assessment centers.

“(B) FEDERAL SHARE.—The Federal share of the cost of carrying out internship programs described in subparagraph (A) shall be 50 percent.

“(5) SMALL BUSINESS LOANS.—The Administrator of the Small Business Administration shall, to the maximum extent practicable, expedite consideration of applications from eligible small business concerns for loans under the Small Business Act (15 U.S.C. 631 et seq.) to implement recommendations of industrial research and assessment centers established under paragraph (1).

“(6) ADVANCED MANUFACTURING STEERING COMMITTEE.—The Secretary shall establish an advisory steering committee to provide recommendations to the Secretary on planning and implementation of the Advanced Manufacturing Office of the Department of Energy.”.

SEC. 203. SUSTAINABLE MANUFACTURING INITIATIVE.

(a) IN GENERAL.—Part E of title III of the Energy Policy and Conservation Act (42 U.S.C. 6341) is amended by adding at the end the following:

“SEC. 376. SUSTAINABLE MANUFACTURING INITIATIVE.

“(a) IN GENERAL.—As part of the Office of Energy Efficiency and Renewable Energy, the Secretary, on the request of a manufacturer, shall conduct onsite technical assessments to identify opportunities for—

“(1) maximizing the energy efficiency of industrial processes and cross-cutting systems;

“(2) preventing pollution and minimizing waste;

“(3) improving efficient use of water in manufacturing processes;

“(4) conserving natural resources; and

“(5) achieving such other goals as the Secretary determines to be appropriate.

“(b) COORDINATION.—The Secretary shall carry out the initiative in coordination with the private sector and appropriate agencies, including the National Institute of Standards and Technology, to accelerate adoption of new and existing technologies and processes that improve energy efficiency.

“(c) RESEARCH AND DEVELOPMENT PROGRAM FOR SUSTAINABLE MANUFACTURING AND INDUSTRIAL TECHNOLOGIES AND PROCESSES.—As part of the industrial efficiency programs of

the Department of Energy, the Secretary shall carry out a joint industry-government partnership program to research, develop, and demonstrate new sustainable manufacturing and industrial technologies and processes that maximize the energy efficiency of industrial plants, reduce pollution, and conserve natural resources.”.

(b) TABLE OF CONTENTS.—The table of contents of the Energy Policy and Conservation Act (42 U.S.C. prec. 6201) is amended by adding at the end of the items relating to part E of title III the following:

“Sec. 376. Sustainable manufacturing initiative.”.

SEC. 204. CONFORMING AMENDMENTS.

(a) Section 106 of the Energy Policy Act of 2005 (42 U.S.C. 15811) is repealed.

(b) Sections 131, 132, 133, 2103, and 2107 of the Energy Policy Act of 1992 (42 U.S.C. 6348, 6349, 6350, 13453, 13456) are repealed.

(c) Section 2101(a) of the Energy Policy Act of 1992 (42 U.S.C. 13451(a)) is amended in the third sentence by striking “sections 2102, 2103, 2104, 2105, 2106, 2107, and 2108” and inserting “sections 2102, 2104, 2105, 2106, and 2108 of this Act and section 376 of the Energy Policy and Conservation Act.”.

Subtitle B—Supply Star

SEC. 211. SUPPLY STAR.

The Energy Policy and Conservation Act is amended by inserting after section 324A (42 U.S.C. 6294a) the following:

“SEC. 324B. SUPPLY STAR PROGRAM.

“(a) IN GENERAL.—There is established within the Department of Energy a Supply Star program to identify and promote practices, recognize companies, and, as appropriate, recognize products that use highly efficient supply chains in a manner that conserves energy, water, and other resources.

“(b) COORDINATION.—In carrying out the program described in subsection (a), the Secretary shall—

“(1) consult with other appropriate agencies; and

“(2) coordinate efforts with the Energy Star program established under section 324A.

“(c) DUTIES.—In carrying out the Supply Star program described in subsection (a), the Secretary shall—

“(1) promote practices, recognize companies, and, as appropriate, recognize products that comply with the Supply Star program as the preferred practices, companies, and products in the marketplace for maximizing supply chain efficiency;

“(2) work to enhance industry and public awareness of the Supply Star program;

“(3) collect and disseminate data on supply chain energy resource consumption;

“(4) develop and disseminate metrics, processes, and analytical tools (including software) for evaluating supply chain energy resource use;

“(5) develop guidance at the sector level for improving supply chain efficiency;

“(6) work with domestic and international organizations to harmonize approaches to analyzing supply chain efficiency, including the development of a consistent set of tools, templates, calculators, and databases; and

“(7) work with industry, including small businesses, to improve supply chain efficiency through activities that include—

“(A) developing and sharing best practices; and

“(B) providing opportunities to benchmark supply chain efficiency.

“(d) EVALUATION.—In any evaluation of supply chain efficiency carried out by the Secretary with respect to a specific product, the Secretary shall consider energy consumption and resource use throughout the entire lifecycle of a product, including production, transport, packaging, use, and disposal.

“(e) GRANTS AND INCENTIVES.—

“(1) IN GENERAL.—The Secretary may award grants or other forms of incentives on a competitive basis to eligible entities, as determined by the Secretary, for the purposes of—

“(A) studying supply chain energy resource efficiency; and

“(B) demonstrating and achieving reductions in the energy resource consumption of commercial products through changes and improvements to the production supply and distribution chain of the products.

“(2) USE OF INFORMATION.—Any information or data generated as a result of the grants or incentives described in paragraph (1) shall be used to inform the development of the Supply Star Program.

“(f) TRAINING.—The Secretary shall use funds to support professional training programs to develop and communicate methods, practices, and tools for improving supply chain efficiency.

“(g) EFFECT OF OUTSOURCING OF AMERICAN JOBS.—For purposes of this section, the outsourcing of American jobs in the production of a product shall not count as a positive factor in determining supply chain efficiency.

“(h) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section \$10,000,000 for the period of fiscal years 2014 through 2023.”

Subtitle C—Electric Motor Rebate Program

SEC. 221. ENERGY SAVING MOTOR CONTROL, ELECTRIC MOTOR, AND ADVANCED MOTOR SYSTEMS REBATE PROGRAM.

(a) DEFINITIONS.—In this section:

(1) ADVANCED MOTOR AND DRIVE SYSTEM.—The term “advanced motor and drive system” means an electric motor and any required associated electronic control that—

(A) offers variable or multiple speed operation;

(B) offers efficiency at a rated full load that is greater than the efficiency described for the equivalent rating in—

(i) table 12-12 of National Electrical Manufacturers Association (NEMA MG 1-2011); or

(ii) section 431.446 of National Electrical Manufacturers Association (2012); and

(C) uses—

(i) permanent magnet alternating current synchronous motor technology;

(ii) electronically commutated motor technology;

(iii) switched reluctance motor technology;

(iv) synchronous reluctance motor technology; or

(v) such other motor that has greater than 1 horsepower and uses a drive systems technology, as determined by the Secretary.

(2) ELECTRIC MOTOR.—The term “electric motor” has the meaning given the term in section 431.12 of title 10, Code of Federal Regulations (as in effect on the date of enactment of this Act).

(3) QUALIFIED PRODUCT.—The term “qualified product” means—

(A) a new constant speed electric motor control that—

(i) is attached to an electric motor; and

(ii) reduces the energy use of the electric motor by not less than 5 percent; and

(B) commercial or industrial machinery or equipment that—

(i) is manufactured and incorporates an advanced motor and drive system that has greater than 1 horsepower into a redesigned machine or equipment that did not previously make use of the advanced motor and drive system; or

(ii) was previously used and placed back into service in calendar year 2014 or 2015 that upgrades the existing machine or equipment with an advanced motor and drive system.

(b) ESTABLISHMENT.—Not later than 90 days after the date of enactment of this Act, the

Secretary shall establish a program to provide rebates for expenditures made by qualified entities for the purchase and installation of qualified products.

(c) QUALIFIED ENTITIES.—A qualified entity under this section shall be—

(1) in the case of a qualified product described in subsection (a)(3)(A), the purchaser of the qualified product for whom the qualified product is installed; and

(2) in the case of a qualified product described in subsection (a)(3)(B), the manufacturer of the machine or equipment that incorporated the advanced motor and drive system into the machine or equipment.

(d) REQUIREMENTS.—

(1) APPLICATION.—To be eligible to receive a rebate under this section, a qualified entity shall submit to the Secretary or an entity designated by the Secretary an application and certification in such form, at such time, and containing such information as the Secretary may require, including demonstrated evidence that the qualified entity purchased a qualified product and—

(A) in the case of a qualified product described in subsection (a)(3)(A)—

(i) demonstrated evidence that the qualified entity installed the qualified product in calendar year 2014 or 2015;

(ii) demonstrated evidence that the qualified product reduces motor energy use by not less than 5 percent, in accordance with procedures approved by the Secretary; and

(iii) the serial number, manufacturer, and model number from the nameplate of the installed motor of the qualified entity on which the qualified product was installed; and

(B) in the case of a qualified product described in subsection (a)(3)(B)—

(i) demonstrated evidence that the manufacturer—

(I) redesigned a machine or equipment of a manufacturer that did not previously make use of an advanced motor and drive system; or

(II) upgraded a used machine or equipment to incorporate an advanced motor and drive system;

(ii) demonstrated evidence that the qualified product was sold, installed, or placed back into service in calendar year 2014 or 2015; and

(iii) the serial number, manufacturer, and model number from the nameplate of the installed motor of the qualified entity with which the advanced motor and drive system is integrated.

(2) AUTHORIZED AMOUNT OF REBATE.—The Secretary may provide to a qualified entity that has satisfied the requirements of paragraph (1) a rebate the amount of which shall be equal to the product obtained by multiplying—

(A) the nameplate rated horsepower of—

(i) the electric motor to which the new constant speed electric motor control is attached;

(ii) the new electric motor that replaced a previously installed electric motor; or

(iii) the advanced electric motor control system; and

(B) \$25.

(3) MAXIMUM AGGREGATE AMOUNT.—No entity shall be entitled to aggregate rebates under this section in excess of \$250,000.

(e) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section \$5,000,000 for each of fiscal years 2014 and 2015, to remain available until expended.

Subtitle D—Transformer Rebate Program

SEC. 231. ENERGY EFFICIENT TRANSFORMER REBATE PROGRAM.

(a) DEFINITION OF QUALIFIED TRANSFORMER.—In this section, the term “qualified

transformer” means a transformer that meets or exceeds the National Electrical Manufacturers Association (NEMA) Premium Efficiency designation, calculated to 2 decimal points, as having 30 percent fewer losses than the NEMA TP-1-2002 efficiency standard for a transformer of the same number of phases and capacity, as measured in kilovolt-amperes.

(b) ESTABLISHMENT.—Not later than January 1, 2014, the Secretary shall establish a program under which rebates are provided for expenditures made by owners of industrial or manufacturing facilities, commercial buildings, and multifamily residential buildings for the purchase and installation of a new energy efficient transformers.

(c) REQUIREMENTS.—

(1) APPLICATION.—To be eligible to receive a rebate under this section, an owner shall submit to the Secretary an application in such form, at such time, and containing such information as the Secretary may require, including demonstrated evidence that the owner purchased a qualified transformer.

(2) AUTHORIZED AMOUNT OF REBATE.—For qualified transformers, rebates, in dollars per kilovolt-ampere (referred to in this paragraph as “kVA”) shall be—

(A) for 3-phase transformers—

(i) with a capacity of not greater than 10 kVA, 15;

(ii) with a capacity of not less than 10 kVA and not greater than 100 kVA, the difference between 15 and the quotient obtained by dividing—

(I) the difference between—

(aa) the capacity of the transformer in kVA; and

(bb) 10; by

(II) 9; and

(iii) with a capacity greater than or equal to 100 kVA, 5; and

(B) for single-phase transformers, 75 percent of the rebate for a 3-phase transformer of the same capacity.

(d) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section \$5,000,000 for each of fiscal years 2014 and 2015, to remain available until expended.

(e) TERMINATION OF EFFECTIVENESS.—The authority provided by this section terminates effective December 31, 2015.

TITLE III—FEDERAL AGENCY ENERGY EFFICIENCY

SEC. 301. ENERGY-EFFICIENT AND ENERGY-SAVING INFORMATION TECHNOLOGIES.

Section 543 of the National Energy Conservation Policy Act (42 U.S.C. 8253) is amended—

(1) by redesignating the second subsection (f) (relating to large capital energy investments) as subsection (g); and

(2) by adding at the end the following:

“(h) FEDERAL IMPLEMENTATION STRATEGY FOR ENERGY-EFFICIENT AND ENERGY-SAVING INFORMATION TECHNOLOGIES.—

“(1) DEFINITIONS.—In this subsection:

“(A) DIRECTOR.—The term ‘Director’ means the Director of the Office of Management and Budget.

“(B) INFORMATION TECHNOLOGY.—The term ‘information technology’ has the meaning given the term in section 11101 of title 40, United States Code.

“(2) DEVELOPMENT OF IMPLEMENTATION STRATEGY.—Not later than 1 year after the date of enactment of this subsection, each Federal agency shall collaborate with the Director to develop an implementation strategy (including best-practices and measurement and verification techniques) for the maintenance, purchase, and use by the Federal agency of energy-efficient and energy-saving information technologies.

“(3) ADMINISTRATION.—In developing an implementation strategy, each Federal agency shall consider—

- “(A) advanced metering infrastructure;
- “(B) energy efficient data center strategies and methods of increasing asset and infrastructure utilization;
- “(C) advanced power management tools;
- “(D) building information modeling, including building energy management; and
- “(E) secure telework and travel substitution tools.

“(4) PERFORMANCE GOALS.—

“(A) IN GENERAL.—Not later than September 30, 2014, the Director, in consultation with the Secretary, shall establish performance goals for evaluating the efforts of Federal agencies in improving the maintenance, purchase, and use of energy-efficient and energy-saving information technology systems.

“(B) BEST PRACTICES.—The Chief Information Officers Council established under section 3603 of title 44, United States Code, shall supplement the performance goals established under this paragraph with recommendations on best practices for the attainment of the performance goals, to include a requirement for agencies to consider the use of—

- “(i) energy savings performance contracting; and
- “(ii) utility energy services contracting.

“(5) REPORTS.—

“(A) AGENCY REPORTS.—Each Federal agency subject to the requirements of this subsection shall include in the report of the agency under section 527 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17143) a description of the efforts and results of the agency under this subsection.

“(B) OMB GOVERNMENT EFFICIENCY REPORTS AND SCORECARDS.—Effective beginning not later than October 1, 2014, the Director shall include in the annual report and scorecard of the Director required under section 528 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17144) a description of the efforts and results of Federal agencies under this subsection.

“(C) USE OF EXISTING REPORTING STRUCTURES.—The Director may require Federal agencies to submit any information required to be submitted under this subsection through reporting structures in use as of the date of enactment of the Energy Savings and Industrial Competitiveness Act of 2014.”

SEC. 302. AVAILABILITY OF FUNDS FOR DESIGN UPDATES.

Section 3307 of title 40, United States Code, is amended—

- (1) by redesignating subsections (d) through (h) as subsections (e) through (i), respectively; and
- (2) by inserting after subsection (c) the following:

“(d) AVAILABILITY OF FUNDS FOR DESIGN UPDATES.—

“(1) IN GENERAL.—Subject to paragraph (2), for any project for which congressional approval is received under subsection (a) and for which the design has been substantially completed but construction has not begun, the Administrator of General Services may use appropriated funds to update the project design to meet applicable Federal building energy efficiency standards established under section 305 of the Energy Conservation and Production Act (42 U.S.C. 6834) and other requirements established under section 3312.

“(2) LIMITATION.—The use of funds under paragraph (1) shall not exceed 125 percent of the estimated energy or other cost savings associated with the updates as determined by a life cycle cost analysis under section 544 of the National Energy Conservation Policy Act (42 U.S.C. 8254).”

SEC. 303. ENERGY EFFICIENT DATA CENTERS.

Section 453 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17112) is amended—

- (1) in subsection (c), by striking paragraph (1) and inserting the following:

“(1) IN GENERAL.—Not later than 30 days after the date of enactment of the Energy Savings and Industrial Competitiveness Act of 2014, the Secretary and the Administrator shall—

“(A) designate an established information technology industry organization to coordinate the program described in subsection (b); and

“(B) make the designation public, including on an appropriate website.”;

- (2) by striking subsections (e) and (f) and inserting the following:

“(e) STUDY.—The Secretary, with assistance from the Administrator, shall—

“(1) not later than December 31, 2014, make available to the public an update to the Report to Congress on Server and Data Center Energy Efficiency published on August 2, 2007, under section 1 of Public Law 109–431 (120 Stat. 2920), that provides—

“(A) a comparison and gap analysis of the estimates and projections contained in the original report with new data regarding the period from 2007 through 2013;

“(B) an analysis considering the impact of information technologies, to include virtualization and cloud computing, in the public and private sectors; and

“(C) updated projections and recommendations for best practices through fiscal year 2020; and

“(2) collaborate with the organization designated under subsection (c) in preparing the report.

“(f) DATA CENTER ENERGY PRACTITIONER PROGRAM.—

“(1) IN GENERAL.—The Secretary, in collaboration with the organization designated under subsection (c) and in consultation with the Administrator for the Office of E-Government and Information Technology within the Office of Management and Budget, shall maintain a data center energy practitioner program that leads to the certification of energy practitioners qualified to evaluate the energy usage and efficiency opportunities in data centers.

“(2) EVALUATIONS.—Each Federal agency shall consider having the data centers of the agency evaluated every 4 years by energy practitioners certified pursuant to the program, whenever practicable using certified practitioners employed by the agency.”;

(3) by redesignating subsection (g) as subsection (j); and

(4) by inserting after subsection (f) the following:

“(g) OPEN DATA INITIATIVE.—

“(1) IN GENERAL.—The Secretary, in collaboration with the organization designated under subsection (c) and in consultation with the Administrator for the Office of E-Government and Information Technology within the Office of Management and Budget, shall establish an open data initiative for Federal data center energy usage data, with the purpose of making the data available and accessible in a manner that empowers further data center optimization and consolidation.

“(2) ADMINISTRATION.—In establishing the initiative, the Secretary shall consider use of the online Data Center Maturity Model.

“(h) INTERNATIONAL SPECIFICATIONS AND METRICS.—The Secretary, in collaboration with the organization designated under subsection (c), shall actively participate in efforts to harmonize global specifications and metrics for data center energy efficiency.

“(i) DATA CENTER UTILIZATION METRIC.—The Secretary, in collaboration with the organization designated under subsection (c),

shall assist in the development of an efficiency metric that measures the energy efficiency of the overall data center.”

SEC. 304. BUDGET-NEUTRAL DEMONSTRATION PROGRAM FOR ENERGY AND WATER CONSERVATION IMPROVEMENTS AT MULTIFAMILY RESIDENTIAL UNITS.

(a) ESTABLISHMENT.—The Secretary of Housing and Urban Development (referred to in this section as the “Secretary”) shall establish a demonstration program under which, during the period beginning on the date of enactment of this Act, and ending on September 30, 2017, the Secretary may enter into budget-neutral, performance-based agreements that result in a reduction in energy or water costs with such entities as the Secretary determines to be appropriate under which the entities shall carry out projects for energy or water conservation improvements at not more than 20,000 residential units in multifamily buildings participating in—

(1) the project-based rental assistance program under section 8 of the United States Housing Act of 1937 (42 U.S.C. 1437f), other than assistance provided under section 8(o) of that Act;

(2) the supportive housing for the elderly program under section 202 of the Housing Act of 1959 (12 U.S.C. 1701q); or

(3) the supportive housing for persons with disabilities program under section 811(d)(2) of the Cranston-Gonzalez National Affordable Housing Act (42 U.S.C. 8013(d)(2)).

(b) REQUIREMENTS.—

(1) PAYMENTS CONTINGENT ON SAVINGS.—

(A) IN GENERAL.—The Secretary shall provide to an entity a payment under an agreement under this section only during applicable years for which an energy or water cost savings is achieved with respect to the applicable multifamily portfolio of properties, as determined by the Secretary, in accordance with subparagraph (B).

(B) PAYMENT METHODOLOGY.—

(i) IN GENERAL.—Each agreement under this section shall include a pay-for-success provision—

(I) that will serve as a payment threshold for the term of the agreement; and

(II) pursuant to which the Department of Housing and Urban Development shall share a percentage of the savings at a level determined by the Secretary that is sufficient to cover the administrative costs of carrying out this section.

(ii) LIMITATIONS.—A payment made by the Secretary under an agreement under this section shall—

(I) be contingent on documented utility savings; and

(II) not exceed the utility savings achieved by the date of the payment, and not previously paid, as a result of the improvements made under the agreement.

(C) THIRD PARTY VERIFICATION.—Savings payments made by the Secretary under this section shall be based on a measurement and verification protocol that includes at least—

(i) establishment of a weather-normalized and occupancy-normalized utility consumption baseline established preretrofit;

(ii) annual third party confirmation of actual utility consumption and cost for owner-paid utilities;

(iii) annual third party validation of the tenant utility allowances in effect during the applicable year and vacancy rates for each unit type; and

(iv) annual third party determination of savings to the Secretary.

(2) TERM.—The term of an agreement under this section shall be not longer than 12 years.

(3) ENTITY ELIGIBILITY.—The Secretary shall—

(A) establish a competitive process for entering into agreements under this section; and

(B) enter into such agreements only with entities that demonstrate significant experience relating to—

(i) financing and operating properties receiving assistance under a program described in subsection (a);

(ii) oversight of energy and water conservation programs, including oversight of contractors; and

(iii) raising capital for energy and water conservation improvements from charitable organizations or private investors.

(4) GEOGRAPHICAL DIVERSITY.—Each agreement entered into under this section shall provide for the inclusion of properties with the greatest feasible regional and State variance.

(C) PLAN AND REPORTS.—

(1) PLAN.—Not later than 90 days after the date of enactment of this Act, the Secretary shall submit to the Committees on Appropriations of the House of Representatives and the Senate a detailed plan for the implementation of this section.

(2) REPORTS.—Not later than 1 year after the date of enactment of this Act, and annually thereafter, the Secretary shall—

(A) conduct an evaluation of the program under this section; and

(B) submit to Congress a report describing each evaluation conducted under subparagraph (A).

(d) FUNDING.—For each fiscal year during which an agreement under this section is in effect, the Secretary may use to carry out this section any funds appropriated to the Secretary for the renewal of contracts under a program described in subsection (a).

TITLE IV—REGULATORY PROVISIONS

Subtitle A—Third-party Certification Under Energy Star Program

SEC. 401. THIRD-PARTY CERTIFICATION UNDER ENERGY STAR PROGRAM.

Section 324A of the Energy Policy and Conservation Act (42 U.S.C. 6294a) is amended by adding at the end the following:

“(e) THIRD-PARTY CERTIFICATION.—

“(1) IN GENERAL.—Subject to paragraph (2), not later than 180 days after the date of enactment of this subsection, the Administrator shall revise the certification requirements for the labeling of consumer, home, and office electronic products for program partners that have complied with all requirements of the Energy Star program for a period of at least 18 months.

“(2) ADMINISTRATION.—In the case of a program partner described in paragraph (1), the new requirements under paragraph (1)—

“(A) shall not require third-party certification for a product to be listed; but

“(B) may require that test data and other product information be submitted to facilitate product listing and performance verification for a sample of products.

“(3) THIRD PARTIES.—Nothing in this subsection prevents the Administrator from using third parties in the course of the administration of the Energy Star program.

“(4) TERMINATION.—

“(A) IN GENERAL.—Subject to subparagraph (B), an exemption from third-party certification provided to a program partner under paragraph (1) shall terminate if the program partner is found to have violated program requirements with respect to at least 2 separate models during a 2-year period.

“(B) RESUMPTION.—A termination for a program partner under subparagraph (A) shall cease if the program partner complies with all Energy Star program requirements for a period of at least 3 years.”.

Subtitle B—Federal Green Buildings

SEC. 411. HIGH-PERFORMANCE GREEN FEDERAL BUILDINGS.

Section 436(h) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17092(h)) is amended—

(1) in the subsection heading, by striking “SYSTEM” and inserting “SYSTEMS”;

(2) by striking paragraph (1) and inserting the following:

“(1) IN GENERAL.—Based on an ongoing review, the Federal Director shall identify and shall provide to the Secretary pursuant to section 305(a)(3)(D) of the Energy Conservation and Production Act (42 U.S.C. 6834(a)(3)(D)), a list of those certification systems that the Director identifies as the most likely to encourage a comprehensive and environmentally sound approach to certification of green buildings.”; and

(3) in paragraph (2)—

(A) in the matter preceding subparagraph (A), by striking “system” and inserting “systems”;

(B) by striking subparagraph (A) and inserting the following:

“(A) an ongoing review provided to the Secretary pursuant to section 305(a)(3)(D) of the Energy Conservation and Production Act (42 U.S.C. 6834(a)(3)(D)), which shall—

“(i) be carried out by the Federal Director to compare and evaluate standards; and

“(ii) allow any developer or administrator of a rating system or certification system to be included in the review;”;

(C) in subparagraph (E)(v), by striking “and” after the semicolon at the end;

(D) in subparagraph (F), by striking the period at the end and inserting a semicolon; and

(E) by adding at the end the following:

“(G) a finding that, for all credits addressing grown, harvested, or mined materials, the system does not discriminate against the use of domestic products that have obtained certifications of responsible sourcing; and

“(H) a finding that the system incorporates life-cycle assessment as a credit pathway.”.

Subtitle C—Water Heaters

SEC. 421. GRID-ENABLED WATER HEATERS.

Part B of title III of the Energy Policy and Conservation Act (42 U.S.C. 6291 et seq.) is amended—

(1) in section 325(e), by adding at the end the following:

“(6) ADDITIONAL STANDARDS FOR GRID-ENABLED WATER HEATERS.—

“(A) DEFINITIONS.—In this paragraph:

“(i) ACTIVATION KEY.—The term ‘activation key’ means a physical device or control directly on the water heater, a software code, or a digital communication means—

“(I) that must be activated to enable the product to operate continuously and at its designed specifications and capabilities; and

“(II) without which activation the product will provide not greater than 50 percent of the rated first hour delivery of hot water certified by the manufacturer.

“(ii) GRID-ENABLED WATER HEATER.—The term ‘grid-enabled water heater’ means an electric resistance water heater—

“(I) with a rated storage tank volume of more than 75 gallons;

“(II) manufactured on or after April 16, 2015;

“(III) that has—

“(aa) an energy factor of not less than 1.061 minus the product obtained by multiplying—

“(AA) the rated storage volume of the tank, expressed in gallons; and

“(BB) 0.00168; or

“(bb) an efficiency level equivalent to the energy factor under item (aa) and expressed as a uniform energy descriptor based on the

revised test procedure for water heaters described in paragraph (5);

“(IV) equipped by the manufacturer with an activation key; and

“(V) that bears a permanent label applied by the manufacturer that—

“(aa) is made of material not adversely affected by water;

“(bb) is attached by means of non-water-soluble adhesive; and

“(cc) advises purchasers and end-users of the intended and appropriate use of the product with the following notice printed in 16.5 point Arial Narrow Bold font:

“‘IMPORTANT INFORMATION: This water heater is intended only for use as part of an electric thermal storage or demand response program. It will not provide adequate hot water unless enrolled in such a program and activated by your utility company or another program operator. Confirm the availability of a program in your local area before purchasing or installing this product.’.

“(B) REQUIREMENT.—The manufacturer or private labeler shall provide the activation key only to utilities or other companies operating electric thermal storage or demand response programs that use grid-enabled water heaters.

“(C) REPORTS.—

“(i) MANUFACTURERS.—The Secretary shall require each manufacturer of grid-enabled water heaters to report to the Secretary annually the number of grid-enabled water heaters that the manufacturer ships each year.

“(ii) OPERATORS.—The Secretary shall require utilities and other demand response and thermal storage program operators to report annually the number of grid-enabled water heaters activated for their programs using forms of the Energy Information Agency or using such other mechanism that the Secretary determines appropriate after an opportunity for notice and comment.

“(iii) CONFIDENTIALITY REQUIREMENTS.—The Secretary shall treat shipment data reported by manufacturers as confidential business information.

“(D) PUBLICATION OF INFORMATION.—

“(i) IN GENERAL.—In 2017 and 2019, the Secretary shall publish an analysis of the data collected under subparagraph (C) to assess the extent to which shipped products are put into use in demand response and thermal storage programs.

“(ii) PREVENTION OF PRODUCT DIVERSION.—If the Secretary determines that sales of grid-enabled water heaters exceed by 15 percent or greater the number of such products activated for use in demand response and thermal storage programs annually, the Secretary shall, after opportunity for notice and comment, establish procedures to prevent product diversion for non-program purposes.

“(E) COMPLIANCE.—

“(i) IN GENERAL.—Subparagraphs (A) through (D) shall remain in effect until the Secretary determines under this section that grid-enabled water heaters do not require a separate efficiency requirement.

“(ii) EFFECTIVE DATE.—If the Secretary exercises the authority described in clause (i) or amends the efficiency requirement for grid-enabled water heaters, that action will take effect on the date described in subsection (m)(4)(A)(ii).

“(iii) CONSIDERATION.—In carrying out this section with respect to electric water heaters, the Secretary shall consider the impact on thermal storage and demand response programs, including the consequent impact on energy savings, electric bills, electric reliability, integration of renewable resources, and the environment.

“(iv) REQUIREMENTS.—In carrying out this subparagraph, the Secretary shall require

that grid-enabled water heaters be equipped with communication capability to enable the grid-enabled water heaters to participate in ancillary services programs if the Secretary determines that the technology is available, practical, and cost-effective.”; and

(2) in section 332—

(A) in paragraph (5), by striking “or” at the end;

(B) in the first paragraph (6), by striking the period at the end and inserting a semicolon;

(C) by redesignating the second paragraph (6) as paragraph (7);

(D) in subparagraph (B) of paragraph (7) (as so redesignated), by striking the period at the end and inserting “; or”; and

(E) by adding at the end the following:

“(8) with respect to grid-enabled water heaters that are not used as part of an electric thermal storage or demand response program, for any person knowingly and repeatedly—

“(A) to distribute activation keys for those grid-enabled water heaters;

“(B) otherwise to enable the full operation of those grid-enabled water heaters; or

“(C) to remove or render illegible the labels of those grid-enabled water heaters.”.

Subtitle D—Energy Performance Requirement for Federal Buildings

SEC. 431. ENERGY PERFORMANCE REQUIREMENT FOR FEDERAL BUILDINGS.

Section 543 of the National Energy Conservation Policy Act (42 U.S.C. 8253) is amended—

(1) by striking subsection (a) and inserting the following:

“(a) ENERGY PERFORMANCE REQUIREMENT FOR FEDERAL BUILDINGS.—

“(1) REQUIREMENT.—Subject to paragraph (2), each agency shall apply energy conservation measures to, and shall improve the design for the construction of, the Federal buildings of the agency (including each industrial or laboratory facility) so that the energy consumption per gross square foot of the Federal buildings of the agency in fiscal years 2006 through 2017 is reduced, as compared with the energy consumption per gross square foot of the Federal buildings of the agency in fiscal year 2003, by the percentage specified in the following table:

Fiscal Year	Percentage Reduction
2006	2
2007	4
2008	9
2009	12
2010	15
2011	18
2012	21
2013	24
2014	27
2015	30
2016	33
2017	36

“(2) EXCLUSION FOR BUILDINGS WITH ENERGY INTENSIVE ACTIVITIES.—

“(A) IN GENERAL.—An agency may exclude from the requirements of paragraph (1) any building (including the associated energy consumption and gross square footage) in which energy intensive activities are carried out.

“(B) REPORTS.—Each agency shall identify and list in each report made under section 548(a) the buildings designated by the agency for exclusion under subparagraph (A).

“(3) REVIEW.—Not later than December 31, 2017, the Secretary shall—

“(A) review the results of the implementation of the energy performance requirements established under paragraph (1); and

“(B) based on the review conducted under subparagraph (A), submit to Congress a report that addresses the feasibility of requir-

ing each agency to apply energy conservation measures to, and improve the design for the construction of, the Federal buildings of the agency (including each industrial or laboratory facility) so that the energy consumption per gross square foot of the Federal buildings of the agency in each of fiscal years 2018 through 2030 is reduced, as compared with the energy consumption per gross square foot of the Federal buildings of the agency in the prior fiscal year, by 3 percent.”; and

(2) in subsection (f)—

(A) in paragraph (1)—

(i) by redesignating subparagraphs (E), (F), and (G) as subparagraphs (F), (G), and (H), respectively; and

(ii) by inserting after subparagraph (D) the following:

“(E) ONGOING COMMISSIONING.—The term ‘ongoing commissioning’ means an ongoing process of commissioning using monitored data, the primary goal of which is to ensure continuous optimum performance of a facility, in accordance with design or operating needs, over the useful life of the facility, while meeting facility occupancy requirements.”;

(B) in paragraph (2), by adding at the end the following:

“(C) ENERGY MANAGEMENT SYSTEM.—An energy manager designated under subparagraph (A) shall consider use of a system to manage energy use at the facility and certification of the facility in accordance with the International Organization for Standardization standard numbered 50001 and entitled ‘Energy Management Systems’.”;

(C) by striking paragraphs (3) and (4) and inserting the following:

“(3) ENERGY AND WATER EVALUATIONS AND COMMISSIONING.—

“(A) EVALUATIONS.—Except as provided in subparagraph (B), effective beginning on the date that is 180 days after the date of enactment of the Energy Savings and Industrial Competitiveness Act of 2014, and annually thereafter, each energy manager shall complete, for each calendar year, a comprehensive energy and water evaluation and recommissioning or retrocommissioning for approximately 25 percent of the facilities of each agency that meet the criteria under paragraph (2)(B) in a manner that ensures that an evaluation of each facility is completed at least once every 4 years.

“(B) EXCEPTIONS.—An evaluation and recommissioning shall not be required under subparagraph (A) with respect to a facility that—

“(i) has had a comprehensive energy and water evaluation during the 8-year period preceding the date of the evaluation;

“(ii) (I) has been commissioned, recommissioned, or retrocommissioned during the 10-year period preceding the date of the evaluation; or

“(II) is under ongoing commissioning;

“(iii) has not had a major change in function or use since the previous evaluation and commissioning;

“(iv) has been benchmarked with public disclosure under paragraph (8) within the year preceding the evaluation; and

“(v) (I) based on the benchmarking, has achieved at a facility level the most recent cumulative energy savings target under subsection (a) compared to the earlier of—

“(aa) the date of the most recent evaluation; or

“(bb) the date—

“(AA) of the most recent commissioning, recommissioning, or retrocommissioning; or

“(BB) on which ongoing commissioning began; or

“(II) has a long-term contract in place guaranteeing energy savings at least as

great as the energy savings target under subclause (I).

“(4) IMPLEMENTATION OF IDENTIFIED ENERGY AND WATER EFFICIENCY MEASURES.—

“(A) IN GENERAL.—Not later than 2 years after the date of completion of each evaluation under paragraph (3), each energy manager may—

“(i) implement any energy- or water-saving measure that the Federal agency identified in the evaluation conducted under paragraph (3) that is life-cycle cost effective; and

“(ii) bundle individual measures of varying paybacks together into combined projects.

“(B) MEASURES NOT IMPLEMENTED.—The energy manager shall, as part of the certification system under paragraph (7), explain the reasons why any life-cycle cost effective measures were not implemented under subparagraph (A) using guidelines developed by the Secretary.”; and

(D) in paragraph (7)(C), by adding at the end the following:

“(iii) SUMMARY REPORT.—The Secretary shall make available a report that summarizes the information tracked under subparagraph (B)(i) by each agency and, as applicable, by each type of measure.”.

SEC. 432. FEDERAL BUILDING ENERGY EFFICIENCY PERFORMANCE STANDARDS; CERTIFICATION SYSTEM AND LEVEL FOR GREEN BUILDINGS.

(a) DEFINITIONS.—Section 303 of the Energy Conservation and Production Act (42 U.S.C. 6832) (as amended by section 101(a)) is amended—

(1) in paragraph (6), by striking “to be constructed” and inserting “constructed or altered”; and

(2) by adding at the end the following:

“(19) MAJOR RENOVATION.—The term ‘major renovation’ means a modification of building energy systems sufficiently extensive that the whole building can meet energy standards for new buildings, based on criteria to be established by the Secretary through notice and comment rulemaking.”.

(b) FEDERAL BUILDING EFFICIENCY STANDARDS.—Section 305 of the Energy Conservation and Production Act (42 U.S.C. 6834) is amended—

(1) in subsection (a)(3)—

(A) by striking “(3)(A) Not later than” and all that follows through subparagraph (B) and inserting the following:

“(3) REVISED FEDERAL BUILDING ENERGY EFFICIENCY PERFORMANCE STANDARDS; CERTIFICATION FOR GREEN BUILDINGS.—

“(A) REVISED FEDERAL BUILDING ENERGY EFFICIENCY PERFORMANCE STANDARDS.—

“(i) IN GENERAL.—Not later than 1 year after the date of enactment of the Energy Savings and Industrial Competitiveness Act of 2014, the Secretary shall establish, by rule, revised Federal building energy efficiency performance standards that require that—

“(I) new Federal buildings and alterations and additions to existing Federal buildings—

“(aa) meet or exceed the most recent revision of the International Energy Conservation Code (in the case of residential buildings) or ASHRAE Standard 90.1 (in the case of commercial buildings) as of the date of enactment of the Energy Savings and Industrial Competitiveness Act of 2014; and

“(bb) meet or exceed the energy provisions of State and local building codes applicable to the building, if the codes are more stringent than the International Energy Conservation Code or ASHRAE Standard 90.1, as applicable;

“(II) unless demonstrated not to be life-cycle cost effective for new Federal buildings and Federal buildings with major renovations—

“(aa) the buildings be designed to achieve energy consumption levels that are at least 30 percent below the levels established in the

version of the ASHRAE Standard or the International Energy Conservation Code, as appropriate, that is applied under subclause (I)(aa), including updates under subparagraph (B); and

“(bb) sustainable design principles are applied to the location, siting, design, and construction of all new Federal buildings and replacement Federal buildings;

“(III) if water is used to achieve energy efficiency, water conservation technologies shall be applied to the extent that the technologies are life-cycle cost effective;

“(IV) if life-cycle cost effective, as compared to other reasonably available technologies, not less than 30 percent of the hot water demand for each new Federal building or Federal building undergoing a major renovation be met through the installation and use of solar hot water heaters; and

“(V) in addition to complying with the other requirements under this paragraph, unless found not to be life-cycle cost effective, new Federal buildings that are at least 5,000 square feet in size shall comply with the Guiding Principles for Sustainable New Construction and Major Renovations (as established in the document entitled High Performance and Sustainable Buildings Guidance (Final) and dated December 1, 2008).

“(ii) LIMITATION.—Clause (i)(I) shall not apply to unaltered portions of existing Federal buildings and systems that have been added to or altered.

“(B) UPDATES.—Not later than 1 year after the date of approval of each subsequent revision of the ASHRAE Standard or the International Energy Conservation Code, as appropriate, the Secretary shall determine whether the revised standards established under subparagraph (A) should be updated to reflect the revisions, based on the energy savings and life-cycle cost-effectiveness of the revisions.”;

(B) in subparagraph (C), by striking “(C) In the budget request” and inserting the following:

“(C) BUDGET REQUEST.—In the budget request”; and

(C) by striking subparagraph (D) and inserting the following:

“(D) CERTIFICATION FOR GREEN BUILDINGS.—

“(i) SUSTAINABLE DESIGN PRINCIPLES.—Sustainable design principles shall be applied to the siting, design, and construction of buildings covered by this subparagraph.

“(ii) SELECTION OF CERTIFICATION SYSTEMS.—The Secretary, after reviewing the findings of the Federal Director under section 436(h) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17092(h)), in consultation with the Administrator of General Services, and in consultation with the Secretary of Defense relating to those facilities under the custody and control of the Department of Defense, shall determine those certification systems for green commercial and residential buildings that the Secretary determines to be the most likely to encourage a comprehensive and environmentally sound approach to certification of green buildings.

“(iii) BASIS FOR SELECTION.—The determination of the certification systems under clause (ii) shall be based on ongoing review of the findings of the Federal Director under section 436(h) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17092(h)) and the criteria described in clause (v).

“(iv) ADMINISTRATION.—In determining certification systems under this subparagraph, the Secretary shall—

“(I) make a separate determination for all or part of each system;

“(II) confirm that the criteria used to support the selection of building products, materials, brands, and technologies are fair and neutral (meaning that such criteria are

based on an objective assessment of relevant technical data), do not prohibit, disfavor, or discriminate against selection based on technically inadequate information to inform human or environmental risk, and are expressed to prefer performance measures whenever performance measures may reasonably be used in lieu of prescriptive measures; and

“(III) use environmental and health criteria that are based on risk assessment methodology that is generally accepted by the applicable scientific disciplines.

“(v) CONSIDERATIONS.—In determining the green building certification systems under this subparagraph, the Secretary shall take into consideration—

“(I) the ability and availability of assessors and auditors to independently verify the criteria and measurement of metrics at the scale necessary to implement this subparagraph;

“(II) the ability of the applicable certification organization to collect and reflect public comment;

“(III) the ability of the standard to be developed and revised through a consensus-based process;

“(IV) an evaluation of the robustness of the criteria for a high-performance green building, which shall give credit for promoting—

“(aa) efficient and sustainable use of water, energy, and other natural resources;

“(bb) use of renewable energy sources;

“(cc) improved indoor environmental quality through enhanced indoor air quality, thermal comfort, acoustics, day lighting, pollutant source control, and use of low-emission materials and building system controls; and

“(dd) such other criteria as the Secretary determines to be appropriate; and

“(V) national recognition within the building industry.

“(vi) REVIEW.—The Secretary, in consultation with the Administrator of General Services and the Secretary of Defense, shall conduct an ongoing review to evaluate and compare private sector green building certification systems, taking into account—

“(I) the criteria described in clause (v); and

“(II) the identification made by the Federal Director under section 436(h) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17092(h)).

“(vii) EXCLUSIONS.—

“(I) IN GENERAL.—Subject to subclause (II), if a certification system fails to meet the review requirements of clause (v), the Secretary shall—

“(aa) identify the portions of the system, whether prerequisites, credits, points, or otherwise, that meet the review criteria of clause (v);

“(bb) determine the portions of the system that are suitable for use; and

“(cc) exclude all other portions of the system from identification and use.

“(II) ENTIRE SYSTEMS.—The Secretary shall exclude an entire system from use if an exclusion under subclause (I)—

“(aa) impedes the integrated use of the system;

“(bb) creates disparate review criteria or unequal point access for competing materials; or

“(cc) increases agency costs of the use.

“(viii) INTERNAL CERTIFICATION PROCESSES.—The Secretary may by rule allow Federal agencies to develop internal certification processes, using certified professionals, in lieu of certification by certification entities identified under clause (ii).

“(ix) PRIVATIZED MILITARY HOUSING.—With respect to privatized military housing, the Secretary of Defense, after consultation with the Secretary may, through rulemaking, de-

velop alternative certification systems and levels than the systems and levels identified under clause (ii) that achieve an equivalent result in terms of energy savings, sustainable design, and green building performance.

“(x) WATER CONSERVATION TECHNOLOGIES.—In addition to any use of water conservation technologies otherwise required by this section, water conservation technologies shall be applied to the extent that the technologies are life-cycle cost-effective.

“(xi) EFFECTIVE DATE.—

“(I) DETERMINATIONS MADE AFTER DECEMBER 31, 2015.—The amendments made by section 432(b)(1)(C) of the Energy Savings and Industrial Competitiveness Act of 2014 shall apply to any determination made by a Federal agency after December 31, 2015.

“(II) DETERMINATIONS MADE ON OR BEFORE DECEMBER 31, 2015.—This subparagraph (as in effect on the day before the date of enactment of the Energy Savings and Industrial Competitiveness Act of 2014) shall apply to any use of a certification system for green commercial and residential buildings by a Federal agency on or before December 31, 2015.”; and

(2) by striking subsections (c) and (d) and inserting the following:

“(c) PERIODIC REVIEW.—The Secretary shall—

“(1) once every 5 years, review the Federal building energy standards established under this section; and

“(2) on completion of a review under paragraph (1), if the Secretary determines that significant energy savings would result, upgrade the standards to include all new energy efficiency and renewable energy measures that are technologically feasible and economically justified.”.

SEC. 433. ENHANCED ENERGY EFFICIENCY UNDERWRITING.

(a) DEFINITIONS.—In this section:

(1) COVERED AGENCY.—The term “covered agency”—

(A) means—

(i) an executive agency, as that term is defined in section 102 of title 31, United States Code; and

(ii) any other agency of the Federal Government; and

(B) includes any enterprise, as that term is defined under section 1303 of the Federal Housing Enterprises Financial Safety and Soundness Act of 1992 (12 U.S.C. 4502).

(2) COVERED LOAN.—The term “covered loan” means a loan secured by a home that is issued, insured, purchased, or securitized by a covered agency.

(3) HOMEOWNER.—The term “homeowner” means the mortgagor under a covered loan.

(4) MORTGAGEE.—The term “mortgagee” means—

(A) an original lender under a covered loan or the holder of a covered loan at the time at which that mortgage transaction is consummated;

(B) any affiliate, agent, subsidiary, successor, or assignee of an original lender under a covered loan or the holder of a covered loan at the time at which that mortgage transaction is consummated;

(C) any servicer of a covered loan; and

(D) any subsequent purchaser, trustee, or transferee of any covered loan issued by an original lender.

(5) SECRETARY.—The term “Secretary” means the Secretary of Housing and Urban Development.

(6) SERVICER.—The term “servicer” means the person or entity responsible for the servicing of a covered loan, including the person or entity who makes or holds a covered loan if that person or entity also services the covered loan.

(7) SERVICING.—The term “servicing” has the meaning given the term in section 6(i) of

the Real Estate Settlement Procedures Act of 1974 (12 U.S.C. 2605(i)).

(b) FINDINGS AND PURPOSES.—

(1) FINDINGS.—Congress finds that—

(A) energy costs for homeowners are a significant and increasing portion of their household budgets;

(B) household energy use can vary substantially depending on the efficiency and characteristics of the house;

(C) expected energy cost savings are important to the value of the house;

(D) the current test for loan affordability used by most covered agencies, commonly known as the “debt-to-income” test, is inadequate because it does not take into account the expected energy cost savings for the homeowner of an energy efficient home; and

(E) another loan limitation, commonly known as the “loan-to-value” test, is tied to the appraisal, which often does not adjust for efficiency features of houses.

(2) PURPOSES.—The purposes of this section are to—

(A) improve the accuracy of mortgage underwriting by Federal mortgage agencies by ensuring that energy cost savings are included in the underwriting process as described below, and thus to reduce the amount of energy consumed by homes and to facilitate the creation of energy efficiency retrofit and construction jobs;

(B) require a covered agency to include the expected energy cost savings of a homeowner as a regular expense in the tests, such as the debt-to-income test, used to determine the ability of the loan applicant to afford the cost of homeownership for all loan programs; and

(C) require a covered agency to include the value home buyers place on the energy efficiency of a house in tests used to compare the mortgage amount to home value, taking precautions to avoid double-counting and to support safe and sound lending.

(c) ENHANCED ENERGY EFFICIENCY UNDERWRITING CRITERIA.—

(1) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, the Secretary shall, in consultation with the advisory group established in subsection (f)(2), develop and issue guidelines for a covered agency to implement enhanced loan eligibility requirements, for use when testing the ability of a loan applicant to repay a covered loan, that account for the expected energy cost savings for a loan applicant at a subject property, in the manner set forth in paragraphs (2) and (3).

(2) REQUIREMENTS TO ACCOUNT FOR ENERGY COST SAVINGS.—The enhanced loan eligibility requirements under paragraph (1) shall require that, for all covered loans for which an energy efficiency report is voluntarily provided to the mortgagee by the mortgagor, the covered agency and the mortgagee shall take into consideration the estimated energy cost savings expected for the owner of the subject property in determining whether the loan applicant has sufficient income to service the mortgage debt plus other regular expenses. To the extent that a covered agency uses a test such as a debt-to-income test that includes certain regular expenses, such as hazard insurance and property taxes, the expected energy cost savings shall be included as an offset to these expenses. Energy costs to be assessed include the cost of electricity, natural gas, oil, and any other fuel regularly used to supply energy to the subject property.

(3) DETERMINATION OF ESTIMATED ENERGY COST SAVINGS.—

(A) IN GENERAL.—The guidelines to be issued under paragraph (1) shall include instructions for the covered agency to calculate estimated energy cost savings using—

(i) the energy efficiency report;

(ii) an estimate of baseline average energy costs; and

(iii) additional sources of information as determined by the Secretary.

(B) REPORT REQUIREMENTS.—For the purposes of subparagraph (A), an energy efficiency report shall—

(i) estimate the expected energy cost savings specific to the subject property, based on specific information about the property;

(ii) be prepared in accordance with the guidelines to be issued under paragraph (1); and

(iii) be prepared—

(I) in accordance with the Residential Energy Service Network’s Home Energy Rating System (commonly known as “HERS”) by an individual certified by the Residential Energy Service Network, unless the Secretary finds that the use of HERS does not further the purposes of this section; or

(II) by other methods approved by the Secretary, in consultation with the Secretary of Energy and the advisory group established in subsection (f)(2), for use under this section, which shall include a third-party quality assurance procedure.

(C) USE BY APPRAISER.—If an energy efficiency report is used under paragraph (2), the energy efficiency report shall be provided to the appraiser to estimate the energy efficiency of the subject property and for potential adjustments for energy efficiency.

(4) REQUIRED DISCLOSURE TO CONSUMER FOR A HOME WITH AN ENERGY EFFICIENCY REPORT.—If an energy efficiency report is used under paragraph (2), the guidelines to be issued under paragraph (1) shall require the mortgagee to—

(A) inform the loan applicant of the expected energy costs as estimated in the energy efficiency report, in a manner and at a time as prescribed by the Secretary, and if practicable, in the documents delivered at the time of loan application; and

(B) include the energy efficiency report in the documentation for the loan provided to the borrower.

(5) REQUIRED DISCLOSURE TO CONSUMER FOR A HOME WITHOUT AN ENERGY EFFICIENCY REPORT.—If an energy efficiency report is not used under paragraph (2), the guidelines to be issued under paragraph (1) shall require the mortgagee to inform the loan applicant in a manner and at a time as prescribed by the Secretary, and if practicable, in the documents delivered at the time of loan application of—

(A) typical energy cost savings that would be possible from a cost-effective energy upgrade of a home of the size and in the region of the subject property;

(B) the impact the typical energy cost savings would have on monthly ownership costs of a typical home;

(C) the impact on the size of a mortgage that could be obtained if the typical energy cost savings were reflected in an energy efficiency report; and

(D) resources for improving the energy efficiency of a home.

(6) PRICING OF LOANS.—

(A) IN GENERAL.—A covered agency may price covered loans originated under the enhanced loan eligibility requirements required under this section in accordance with the estimated risk of the loans.

(B) IMPOSITION OF CERTAIN MATERIAL COSTS, IMPEDIMENTS, OR PENALTIES.—In the absence of a publicly disclosed analysis that demonstrates significant additional default risk or prepayment risk associated with the loans, a covered agency shall not impose material costs, impediments, or penalties on covered loans merely because the loan uses an energy efficiency report or the enhanced loan eligibility requirements required under this section.

(7) LIMITATIONS.—

(A) IN GENERAL.—A covered agency may price covered loans originated under the enhanced loan eligibility requirements required under this section in accordance with the estimated risk of those loans.

(B) PROHIBITED ACTIONS.—A covered agency shall not—

(i) modify existing underwriting criteria or adopt new underwriting criteria that intentionally negate or reduce the impact of the requirements or resulting benefits that are set forth or otherwise derived from the enhanced loan eligibility requirements required under this subsection; or

(ii) impose greater buy back requirements, credit overlays, or insurance requirements, including private mortgage insurance, on covered loans merely because the loan uses an energy efficiency report or the enhanced loan eligibility requirements required under this subsection.

(8) APPLICABILITY AND IMPLEMENTATION DATE.—Not later than 4 years after the date of enactment of this Act, and before December 31, 2017, the enhanced loan eligibility requirements required under this subsection shall be implemented by each covered agency to—

(A) apply to any covered loan for the sale, or refinancing of any loan for the sale, of any home;

(B) be available on any residential real property (including individual units of condominiums and cooperatives) that qualifies for a covered loan; and

(C) provide prospective mortgagees with sufficient guidance and applicable tools to implement the required underwriting methods.

(d) ENHANCED ENERGY EFFICIENCY UNDERWRITING VALUATION GUIDELINES.—

(1) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, the Secretary shall—

(A) in consultation with the Federal Financial Institutions Examination Council and the advisory group established in subsection (f)(2), develop and issue guidelines for a covered agency to determine the maximum permitted loan amount based on the value of the property for all covered loans made on properties with an energy efficiency report that meets the requirements of subsection (c)(3)(B); and

(B) in consultation with the Secretary of Energy, issue guidelines for a covered agency to determine the estimated energy savings under paragraph (3) for properties with an energy efficiency report.

(2) REQUIREMENTS.—The enhanced energy efficiency underwriting valuation guidelines required under paragraph (1) shall include—

(A) a requirement that if an energy efficiency report that meets the requirements of subsection (c)(3)(B) is voluntarily provided to the mortgagee, such report shall be used by the mortgagee or covered agency to determine the estimated energy savings of the subject property; and

(B) a requirement that the estimated energy savings of the subject property be added to the appraised value of the subject property by a mortgagee or covered agency for the purpose of determining the loan-to-value ratio of the subject property, unless the appraisal includes the value of the overall energy efficiency of the subject property, using methods to be established under the guidelines issued under paragraph (1).

(3) DETERMINATION OF ESTIMATED ENERGY SAVINGS.—

(A) AMOUNT OF ENERGY SAVINGS.—The amount of estimated energy savings shall be determined by calculating the difference between the estimated energy costs for the average comparable houses, as determined in guidelines to be issued under paragraph (1),

and the estimated energy costs for the subject property based upon the energy efficiency report.

(B) DURATION OF ENERGY SAVINGS.—The duration of the estimated energy savings shall be based upon the estimated life of the applicable equipment, consistent with the rating system used to produce the energy efficiency report.

(C) PRESENT VALUE OF ENERGY SAVINGS.—The present value of the future savings shall be discounted using the average interest rate on conventional 30-year mortgages, in the manner directed by guidelines issued under paragraph (1).

(4) ENSURING CONSIDERATION OF ENERGY EFFICIENT FEATURES.—Section 1110 of the Financial Institutions Reform, Recovery, and Enforcement Act of 1989 (12 U.S.C. 3339) is amended—

(A) in paragraph (2), by striking “; and” and inserting a semicolon; and

(B) in paragraph (3), by striking the period at the end and inserting “; and” and inserting after paragraph (3) the following:

“(4) that State certified and licensed appraisers have timely access, whenever practicable, to information from the property owner and the lender that may be relevant in developing an opinion of value regarding the energy- and water-saving improvements or features of a property, such as—

“(A) labels or ratings of buildings;

“(B) installed appliances, measures, systems or technologies;

“(C) blueprints;

“(D) construction costs;

“(E) financial or other incentives regarding energy- and water-efficient components and systems installed in a property;

“(F) utility bills;

“(G) energy consumption and benchmarking data; and

“(H) third-party verifications or representations of energy and water efficiency performance of a property, observing all financial privacy requirements adhered to by certified and licensed appraisers, including section 501 of the Gramm-Leach-Bliley Act (15 U.S.C. 6801).

Unless a property owner consents to a lender, an appraiser, in carrying out the requirements of paragraph (4), shall not have access to the commercial or financial information of the owner that is privileged or confidential.”.

(5) TRANSACTIONS REQUIRING STATE CERTIFIED APPRAISERS.—Section 1113 of the Financial Institutions Reform, Recovery, and Enforcement Act of 1989 (12 U.S.C. 3342) is amended—

(A) in paragraph (1), by inserting before the semicolon the following: “, or any real property on which the appraiser makes adjustments using an energy efficiency report”; and

(B) in paragraph (2), by inserting after “atypical” the following: “, or an appraisal on which the appraiser makes adjustments using an energy efficiency report.”.

(6) PROTECTIONS.—

(A) AUTHORITY TO IMPOSE LIMITATIONS.—The guidelines to be issued under paragraph (1) shall include such limitations and conditions as determined by the Secretary to be necessary to protect against meaningful under or over valuation of energy cost savings or duplicative counting of energy efficiency features or energy cost savings in the valuation of any subject property that is used to determine a loan amount.

(B) ADDITIONAL AUTHORITY.—At the end of the 7-year period following the implementation of enhanced eligibility and underwriting valuation requirements under this section, the Secretary may modify or apply additional exceptions to the approach described

in paragraph (2), where the Secretary finds that the unadjusted appraisal will reflect an accurate market value of the efficiency of the subject property or that a modified approach will better reflect an accurate market value.

(7) APPLICABILITY AND IMPLEMENTATION DATE.—Not later than 4 years after the date of enactment of this Act, and before December 31, 2017, each covered agency shall implement the guidelines required under this subsection, which shall—

(A) apply to any covered loan for the sale, or refinancing of any loan for the sale, of any home; and

(B) be available on any residential real property, including individual units of condominiums and cooperatives, that qualifies for a covered loan.

(e) MONITORING.—Not later than 1 year after the date on which the enhanced eligibility and underwriting valuation requirements are implemented under this section, and every year thereafter, each covered agency with relevant activity shall issue and make available to the public a report that—

(1) enumerates the number of covered loans of the agency for which there was an energy efficiency report, and that used energy efficiency appraisal guidelines and enhanced loan eligibility requirements;

(2) includes the default rates and rates of foreclosures for each category of loans; and

(3) describes the risk premium, if any, that the agency has priced into covered loans for which there was an energy efficiency report.

(f) RULEMAKING.—

(1) IN GENERAL.—The Secretary shall prescribe regulations to carry out this section, in consultation with the Secretary of Energy and the advisory group established in paragraph (2), which may contain such classifications, differentiations, or other provisions, and may provide for such proper implementation and appropriate treatment of different types of transactions, as the Secretary determines are necessary or proper to effectuate the purposes of this section, to prevent circumvention or evasion thereof, or to facilitate compliance therewith.

(2) ADVISORY GROUP.—To assist in carrying out this section, the Secretary shall establish an advisory group, consisting of individuals representing the interests of—

(A) mortgage lenders;

(B) appraisers;

(C) energy raters and residential energy consumption experts;

(D) energy efficiency organizations;

(E) real estate agents;

(F) home builders and remodelers;

(G) State energy officials; and

(H) others as determined by the Secretary.

(g) ADDITIONAL STUDY.—

(1) IN GENERAL.—Not later than 18 months after the date of enactment of this Act, the Secretary shall reconvene the advisory group established in subsection (f)(2), in addition to water and locational efficiency experts, to advise the Secretary on the implementation of the enhanced energy efficiency underwriting criteria established in subsections (c) and (d).

(2) RECOMMENDATIONS.—The advisory group established in subsection (f)(2) shall provide recommendations to the Secretary on any revisions or additions to the enhanced energy efficiency underwriting criteria deemed necessary by the group, which may include alternate methods to better account for home energy costs and additional factors to account for substantial and regular costs of homeownership such as location-based transportation costs and water costs. The Secretary shall forward any legislative recommendations from the advisory group to Congress for its consideration.

Subtitle E—Third Party Testing

SEC. 441. VOLUNTARY CERTIFICATION PROGRAMS FOR AIR CONDITIONING, FURNACE, BOILER, HEAT PUMP, AND WATER HEATER PRODUCTS.

Section 326(b) of the Energy Policy and Conservation Act (42 U.S.C. 6296(b)) is amended by adding at the end the following:

“(6) VOLUNTARY CERTIFICATION PROGRAMS FOR AIR CONDITIONING, FURNACE, BOILER, HEAT PUMP, AND WATER HEATER PRODUCTS.—

“(A) DEFINITION OF BASIC MODEL GROUP.—In this paragraph, the term ‘basic model group’ means a set of models—

“(i) that share characteristics that allow the performance of 1 model to be generally representative of the performance of other models within the group; and

“(ii) in which the group of products does not necessarily have to share discrete performance.

“(B) RELIANCE ON VOLUNTARY CERTIFICATION PROGRAMS.—For the purpose of testing to verify the performance rating of, or receiving test reports from manufacturers certifying compliance with energy conservation standards and Energy Star specifications established under sections 324A, 325, and 342, the covered products described in paragraphs (3), (4), (5), (9), and (11) of section 322(a) and covered equipment described in subparagraphs (B), (C), (D), (F), (I), (J), and (K) of section 340(1), the Secretary and Administrator shall rely on voluntary certification programs that—

“(i) are nationally recognized;

“(ii) maintain a publicly available list of all certified products and equipment;

“(iii) as determined by the Secretary, annually test not less than 10 percent and not more than 30 percent of the basic model group of a program participant

“(iv) require the changing of the performance rating or removal of the product or equipment from the program, if verification testing determines that the performance rating does not meet the levels the manufacturer has certified to the Secretary;

“(v) require the qualification of new participants in the program through testing and production of test reports;

“(vi) allow for challenge testing of products and equipment within the scope of the program;

“(vii) require program participants to certify the performance rating of all covered products and equipment within the scope of the program;

“(viii) are conducted by a certification body that is accredited under International Organization for Standardization/ International Electrotechnical Commission (ISO/IEC) Standard 17065;

“(ix) provide to the Secretary—

“(I) an annual report of all test results;

“(II) prompt notification when program testing results in—

“(aa) the rerating of the performance rating of a product or equipment; or

“(bb) the delisting of a product or equipment; and

“(III) test reports, on the request of the Secretary or the Administrator, for Energy Star compliant products, which shall be treated as confidential business information as provided for under section 552(b)(4) of title 5, United States Code (commonly known as the “Freedom of Information Act”);

“(x) use verification testing that—

“(I) is conducted by an independent test laboratory that is accredited under International Organization for Standardization/ International Electrotechnical Commission (ISO/IEC) Standard 17025 with a scope covering the tested products or equipment;

“(II) follows the test procedures established under this title; and

“(III) notes in each test report any instructions specified by the manufacturer or the representative of the manufacturer for the purpose of conducting the verification testing; and

“(xi) satisfy such other requirements as the Secretary has determined—

“(I) are essential to ensure standards compliance; or

“(II) have consensus support achieved through a negotiated rulemaking process.

“(C) ADMINISTRATION.—

“(i) IN GENERAL.—The Secretary shall not require—

“(I) manufacturers to participate in a voluntary certification program described in subparagraph (B); or

“(II) participating manufacturers to provide information that can be obtained through a voluntary certification program described in subparagraph (B).

“(ii) LIST OF COVERED PRODUCTS.—The Secretary or the Administrator may maintain a publicly available list of covered products and equipment certified under a program described in subparagraph (B) that distinguishes between—

“(I) covered products and equipment verified by the program; and

“(II) products not verified by the program.

“(iii) REDUCTION OF REQUIREMENTS.—Any rules promulgated by the Secretary that require testing of products or equipment for certification of performance ratings shall on average reduce requirements and burdens for manufacturers participating in a voluntary certification program described in subparagraph (B) for the products or equipment relative to other manufacturers.

“(iv) PERIODIC TESTING BY PROGRAM NON-PARTICIPANTS.—In addition to certification requirements, the Secretary shall require a manufacturer that does not participate in a voluntary certification program described in subparagraph (B)—

“(I) to verify the accuracy of the performance rating of the product or equipment through periodic testing using the testing methods described in clause (iii) or (x) of subparagraph (B); and

“(II) to provide to the Secretary test results and, on request, test reports verifying the certified performance for each basic model group of the manufacturer.

“(v) RESTRICTIONS ON TEST LABORATORIES.—

“(I) IN GENERAL.—Subject to subclause (II), with respect to covered products and equipment, a voluntary certification program described in subparagraph (B) shall not be a test laboratory that conducts the testing on products or equipment within the scope of the program.

“(II) LIMITATION.—Subclause (I) shall not apply to Energy Star specifications established under section 324A.

“(vi) EFFECT ON OTHER AUTHORITY.—Nothing in this paragraph limits the authority of the Secretary or the Administrator to test products or equipment or to enforce compliance with any law (including regulations).”.

TITLE V—MISCELLANEOUS

SEC. 501. OFFSET.

Section 422(f) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17082(f)) is amended—

(1) in paragraph (3), by striking “and” after the semicolon at the end; and

(2) by striking paragraph (4) and inserting the following:

“(4) \$200,000,000 for fiscal year 2013; and

“(5) \$144,000,000 for each of fiscal years 2014 through 2018.”.

SEC. 502. BUDGETARY EFFECTS.

The budgetary effects of this Act, for the purpose of complying with the Statutory Pay-As-You-Go Act of 2010, shall be determined by reference to the latest statement

titled “Budgetary Effects of PAYGO Legislation” for this Act, submitted for printing in the Congressional Record by the Chairman of the Senate Budget Committee, provided that such statement has been submitted prior to the vote on passage.

SEC. 503. ADVANCE APPROPRIATIONS REQUIRED.

The authorization of amounts under this Act and the amendments made by this Act shall be effective for any fiscal year only to the extent and in the amount provided in advance in appropriations Acts.

SA 3013. Mr. McCONNELL (for himself, Mr. VITTER, and Mr. HOEVEN) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title IV, add the following:

Subtitle F—Electricity Security and Affordability

SEC. 451. SHORT TITLE.

This subtitle may be cited as the “Electricity Security and Affordability Act”.

SEC. 452. STANDARDS OF PERFORMANCE FOR NEW FOSSIL FUEL-FIRED ELECTRIC UTILITY GENERATING UNITS.

(a) LIMITATION.—The Administrator of the Environmental Protection Agency may not issue, implement, or enforce any proposed or final rule under section 111 of the Clean Air Act (42 U.S.C. 7411) that establishes a standard of performance for emissions of any greenhouse gas from any new source that is a fossil fuel-fired electric utility generating unit unless such rule meets the requirements under subsections (b) and (c).

(b) REQUIREMENTS.—In issuing any rule under section 111 of the Clean Air Act (42 U.S.C. 7411) establishing standards of performance for emissions of any greenhouse gas from new sources that are fossil fuel-fired electric utility generating units, the Administrator of the Environmental Protection Agency (for purposes of establishing such standards)—

(1) shall separate sources fueled with coal and natural gas into separate categories; and

(2) shall not set a standard based on the best system of emission reduction for new sources within a fossil-fuel category unless—

(A) such standard has been achieved on average for at least one continuous 12-month period (excluding planned outages) by each of at least 6 units within such category—

(i) each of which is located at a different electric generating station in the United States;

(ii) which, collectively, are representative of the operating characteristics of electric generation at different locations in the United States; and

(iii) each of which is operated for the entire 12-month period on a full commercial basis; and

(B) no results obtained from any demonstration project are used in setting such standard.

(c) COAL HAVING A HEAT CONTENT OF 8300 OR LESS BRITISH THERMAL UNITS PER POUND.—

(1) SEPARATE SUBCATEGORY.—In carrying out subsection (b)(1), the Administrator of the Environmental Protection Agency shall establish a separate subcategory for new sources that are fossil fuel-fired electric utility generating units using coal with an average heat content of 8300 or less British Thermal Units per pound.

(2) STANDARD.—Notwithstanding subsection (b)(2), in issuing any rule under section 111 of the Clean Air Act (42 U.S.C. 7411) establishing standards of performance for emissions of any greenhouse gas from new

sources in such subcategory, the Administrator of the Environmental Protection Agency shall not set a standard based on the best system of emission reduction unless—

(A) such standard has been achieved on average for at least one continuous 12-month period (excluding planned outages) by each of at least 3 units within such subcategory—

(i) each of which is located at a different electric generating station in the United States;

(ii) which, collectively, are representative of the operating characteristics of electric generation at different locations in the United States; and

(iii) each of which is operated for the entire 12-month period on a full commercial basis; and

(B) no results obtained from any demonstration project are used in setting such standard.

(d) TECHNOLOGIES.—Nothing in this section shall be construed to preclude the issuance, implementation, or enforcement of a standard of performance that—

(1) is based on the use of one or more technologies that are developed in a foreign country, but has been demonstrated to be achievable at fossil fuel-fired electric utility generating units in the United States; and

(2) meets the requirements of subsection (b) and (c), as applicable.

SEC. 453. CONGRESS TO SET EFFECTIVE DATE FOR STANDARDS OF PERFORMANCE FOR EXISTING, MODIFIED, AND RE-CONSTRUCTED FOSSIL FUEL-FIRED ELECTRIC UTILITY GENERATING UNITS.

(a) APPLICABILITY.—This section applies with respect to any rule or guidelines issued by the Administrator of the Environmental Protection Agency under section 111 of the Clean Air Act (42 U.S.C. 7411) that—

(1) establish any standard of performance for emissions of any greenhouse gas from any modified or reconstructed source that is a fossil fuel-fired electric utility generating unit; or

(2) apply to the emissions of any greenhouse gas from an existing source that is a fossil fuel-fired electric utility generating unit.

(b) CONGRESS TO SET EFFECTIVE DATE.—A rule or guidelines described in subsection (a) shall not take effect unless a Federal law is enacted specifying such rule's or guidelines' effective date.

(c) REPORTING.—A rule or guidelines described in subsection (a) shall not take effect unless the Administrator of the Environmental Protection Agency has submitted to Congress a report containing each of the following:

(1) The text of such rule or guidelines.

(2) The economic impacts of such rule or guidelines, including the potential effects on—

(A) economic growth, competitiveness, and jobs in the United States;

(B) electricity ratepayers, including low-income ratepayers in affected States;

(C) required capital investments and projected costs for operation and maintenance of new equipment required to be installed; and

(D) the global economic competitiveness of the United States.

(3) The amount of greenhouse gas emissions that such rule or guidelines are projected to reduce as compared to overall global greenhouse gas emissions.

(d) CONSULTATION.—In carrying out subsection (c), the Administrator of the Environmental Protection Agency shall consult with the Administrator of the Energy Information Administration, the Comptroller General of the United States, the Director of the National Energy Technology Laboratory,

and the Under Secretary of Commerce for Standards and Technology.

SEC. 454. REPEAL OF EARLIER RULES AND GUIDELINES.

The following rules and guidelines shall be of no force or effect, and shall be treated as though such rules and guidelines had never been issued:

(1) The proposed rule—

(A) entitled “Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units”, published at 77 Fed. Reg. 22392 (April 13, 2012); and

(B) withdrawn pursuant to the notice entitled “Withdrawal of Proposed Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units”, signed by the Administrator of the Environmental Protection Agency on September 20, 2013, and identified by docket ID number EPA-HQ-OAR-2011-0660.

(2) The proposed rule entitled “Standards of Performance for Greenhouse Gas Emissions from New Stationary Sources: Electric Utility Generating Units”, signed by the Administrator of the Environmental Protection Agency on September 20, 2013, identified by docket ID number EPA-HQ-OAR-2013-0495, and published at 79 Fed. Reg. 1430 (January 8, 2014).

(3) With respect to the proposed rule described in paragraph (1), any successor or substantially similar proposed or final rule that—

(A) is issued prior to the date of the enactment of this Act;

(B) is applicable to any new source that is a fossil fuel-fired electric utility generating unit; and

(C) does not meet the requirements under subsections (b) and (c) of section 452.

(4) Any proposed or final rule or guidelines under section 111 of the Clean Air Act (42 U.S.C. 7411) that—

(A) are issued prior to the date of the enactment of this Act; and

(B) establish any standard of performance for emissions of any greenhouse gas from any modified or reconstructed source that is a fossil fuel-fired electric utility generating unit or apply to the emissions of any greenhouse gas from an existing source that is a fossil fuel-fired electric utility generating unit.

SEC. 455. DEFINITIONS.

In this subtitle:

(1) **DEMONSTRATION PROJECT.**—The term “demonstration project” means a project to test or demonstrate the feasibility of carbon capture and storage technologies that has received Federal Government funding or financial assistance.

(2) **EXISTING SOURCE.**—The term “existing source” has the meaning given such term in section 111(a) of the Clean Air Act (42 U.S.C. 7411(a)), except such term shall not include any modified source.

(3) **GREENHOUSE GAS.**—The term “greenhouse gas” means any of the following:

- (A) Carbon dioxide.
- (B) Methane.
- (C) Nitrous oxide.
- (D) Sulfur hexafluoride.
- (E) Hydrofluorocarbons.
- (F) Perfluorocarbons.

(4) **MODIFICATION.**—The term “modification” has the meaning given such term in section 111(a) of the Clean Air Act (42 U.S.C. 7411(a)).

(5) **MODIFIED SOURCE.**—The term “modified source” means any stationary source, the modification of which is commenced after the date of the enactment of this Act.

(6) **NEW SOURCE.**—The term “new source” has the meaning given such term in section

111(a) of the Clean Air Act (42 U.S.C. 7411(a)), except that such term shall not include any modified source.

SA 3014. Mr. COBURN (for himself, Mr. TOOMEY, and Mr. FLAKE) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . ELIMINATION OF CORN ETHANOL MAN-DATE FOR RENEWABLE FUEL.

(a) **REMOVAL OF TABLE.**—Section 211(o)(2)(B)(i) of the Clean Air Act (42 U.S.C. 7545(o)(2)(B)(i)) is amended by striking subclause (I).

(b) **CONFORMING AMENDMENTS.**—Section 211(o)(2)(B) of the Clean Air Act (42 U.S.C. 7545(o)(2)(B)) is amended—

(1) in clause (i)—

(A) by redesignating subclauses (II) through (IV) as subclauses (I) through (III), respectively;

(B) in subclause (I) (as so redesignated), by striking “of the volume of renewable fuel required under subclause (I).”; and

(C) in subclauses (II) and (III) (as so redesignated), by striking “subclause (II)” each place it appears and inserting “subclause (I).”; and

(2) in clause (v), by striking “clause (i)(IV)” and inserting “clause (i)(III).”.

(c) **ADMINISTRATION.**—Nothing in this section or the amendments made by this section affects the volumes of advanced biofuel, cellulosic biofuel, or biomass-based diesel that are required under section 211(o) of the Clean Air Act (42 U.S.C. 7545(o)).

SA 3015. Mr. HATCH submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

On page 25, strike line 23 and insert the following:

(c) **ADMINISTRATION.**—To promote the efficiency and effectiveness of the programs, the Secretary shall—

(1) conduct or collect applicable third-party evaluations on every federally funded energy worker training program established during the 7-year period ending on the date of enactment of this Act, including technical training, on-the-job training, and industry-recognized credentialing programs; and

(2) publish and disseminate evidence-based guidance for the programs after considering the third-party evaluations.

(d) **AUTHORIZATION OF APPROPRIATIONS.**—There is

SA 3016. Mr. HATCH submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5 ____ . WEATHERIZATION ASSISTANCE PROGRAM FOR LOW-INCOME PERSONS.

Section 415 of the Energy Conservation and Production Act (42 U.S.C. 6865) is amended by adding at the end the following:

“(f) **ADMINISTRATION.**—

“(1) **IN GENERAL.**—A State shall use up to 8 percent of any grant made by the Secretary

under this part to track applicants for and recipients of weatherization assistance under this part to determine the impact of the assistance and eliminate or reduce reliance on the assistance over a period of not more than 3 years.

“(2) **ANNUAL STATE PLANS.**—A State may submit to the Secretary for approval within 90 days an annual plan for the administration of assistance under this part in the State that includes, at the option of the State—

“(A) local income eligibility standards for the assistance that are not based on the formula that are used to allocate assistance under this part; and

“(B) the establishment of revolving loan funds for multifamily affordable housing units.”.

SA 3017. Mr. HATCH submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

In section 111, strike subsection (b) and insert the following:

(b) **NONDUPLICATION.**—The Secretary shall coordinate with the Secretary of Labor and the Secretary of Education prior to issuing any funding opportunity announcements under this Act to ensure that duplication does not occur.

SA 3018. Mr. FLAKE (for himself, Mr. MCCAIN, and Mrs. FISCHER) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5 ____ . OFFSETS FOR INCREASED COSTS TO FEDERAL AGENCIES FOR REGULATIONS LIMITING GREENHOUSE GAS EMISSIONS.

(a) **IN GENERAL.**—If the Administrator of the Environmental Protection Agency proposes a rule that limits greenhouse gas emissions and imposes increased costs on 1 or more other Federal agencies, the Administrator shall include in the proposed rule an offset from funds available to the Administrator for all projected increased costs that the proposed rule would impose on other Federal agencies.

(b) **NO OFFSETS.**—If the Administrator proposes a rule that limits greenhouse gas emissions and imposes increased costs on 1 or more other Federal agencies but does not provide an offset in accordance with paragraph (1), the Administrator may not finalize the rule until the promulgation of the final rule is approved by law.

SA 3019. Mr. FLAKE (for himself, Mr. TOOMEY, and Mrs. FISCHER) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

Beginning on page 5, strike line 17 and all that follows through page 6, line 11, and insert the following:

“(A) **IN GENERAL.**—If a State or Indian tribe has submitted written notification to the Secretary that the State or Indian tribe has decided to participate in the program

under this section, not later than 2 years after the date on which a model building energy code is updated, each participating State or Indian tribe shall certify whether or not the State or Indian tribe, respectively, has reviewed and updated the energy provisions of the building code of the State or Indian tribe, respectively.

“(B) DEMONSTRATION.—The certification shall include a demonstration of whether or not the energy savings for the code provisions that are in effect throughout the State or Indian tribal territory meet or exceed—

“(i) the energy savings of the updated model building energy code; or

“(ii) the targets established under section 307(b)(2).

“(C) NO MODEL BUILDING ENERGY CODE UPDATE.—If a model building energy code is not updated by a target date established under section 307(b)(2)(D), the participating State or Indian tribe.

SA 3020. Mr. FLAKE (for himself, Mrs. FISCHER, and Mr. COBURN) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

Strike subtitles C and D of title II.

SA 3021. Mr. FLAKE submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

On page 15, lines 14 through 16, strike “, and verification of compliance with and enforcement of a code other than by a State or local government”.

SA 3022. Mr. BENNET (for himself, Mr. COBURN, Mr. CARPER, and Ms. AYOTTE) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

After section 303, insert the following:

SEC. 304. FEDERAL DATA CENTER CONSOLIDATION.

(a) **SHORT TITLE.**—This section may be cited as the “Data Center Consolidation Act of 2014”.

(b) **DEFINITIONS.**—In this section:

(1) **ADMINISTRATOR.**—The term “Administrator” means the Administrator for the Office of E-Government and Information Technology within the Office of Management and Budget.

(2) **COVERED AGENCY.**—The term “covered agency” means the following (including all associated components of the agency):

- (A) Department of Agriculture;
- (B) Department of Commerce;
- (C) Department of Defense;
- (D) Department of Education;
- (E) Department of Energy;
- (F) Department of Health and Human Services;
- (G) Department of Homeland Security;
- (H) Department of Housing and Urban Development;
- (I) Department of the Interior;
- (J) Department of Justice;
- (K) Department of Labor;
- (L) Department of State;
- (M) Department of Transportation;
- (N) Department of Treasury;

- (O) Department of Veterans Affairs;
- (P) Environmental Protection Agency;
- (Q) General Services Administration;
- (R) National Aeronautics and Space Administration;
- (S) National Science Foundation;
- (T) Nuclear Regulatory Commission;
- (U) Office of Personnel Management;
- (V) Small Business Administration;
- (W) Social Security Administration; and
- (X) United States Agency for International Development.

(3) **FDCCI.**—The term “FDCCI” means the Federal Data Center Consolidation Initiative described in the Office of Management and Budget Memorandum on the Federal Data Center Consolidation Initiative, dated February 26, 2010, or any successor thereto.

(4) **GOVERNMENT-WIDE DATA CENTER CONSOLIDATION AND OPTIMIZATION METRICS.**—The term “Government-wide data center consolidation and optimization metrics” means the metrics established by the Administrator under subsection (c)(2)(G).

(c) **FEDERAL DATA CENTER CONSOLIDATION INVENTORIES AND STRATEGIES.**—

(1) **IN GENERAL.**—

(A) **ANNUAL REPORTING.**—Except as provided in subparagraph (C), beginning in the first fiscal year after the date of enactment of this Act and each fiscal year thereafter, the head of each covered agency, assisted by the Chief Information Officer of the agency, shall submit to the Administrator—

(i) a comprehensive inventory of the data centers owned, operated, or maintained by or on behalf of the agency; and

(ii) a multi-year strategy to achieve the consolidation and optimization of the data centers inventoried under clause (i), that includes—

(I) performance metrics—

(aa) that are consistent with the Government-wide data center consolidation and optimization metrics; and

(bb) by which the quantitative and qualitative progress of the agency toward the goals of the FDCCI can be measured;

(II) a timeline for agency activities to be completed under the FDCCI, with an emphasis on benchmarks the agency can achieve by specific dates;

(III) year-by-year calculations of investment and cost savings for the period beginning on the date of enactment of this Act and ending on the date described in subsection (f), broken down by each year, including a description of any initial costs for data center consolidation and optimization and life cycle cost savings and other improvements, with an emphasis on—

(aa) meeting the Government-wide data center consolidation and optimization metrics; and

(bb) demonstrating the amount of agency-specific cost savings each fiscal year achieved through the FDCCI; and

(IV) any additional information required by the Administrator.

(B) **USE OF OTHER REPORTING STRUCTURES.**—The Administrator may require a covered agency to include the information required to be submitted under this subsection through reporting structures determined by the Administrator to be appropriate.

(C) **DEPARTMENT OF DEFENSE REPORTING.**—For any year that the Department of Defense is required to submit a performance plan for reduction of resources required for data servers and centers, as required under section 2867(b) of the National Defense Authorization Act for Fiscal Year 2012 (10 U.S.C. 2223a note), the Department of Defense—

(i) may submit to the Administrator, in lieu of the multi-year strategy required under subparagraph (A)(ii)—

(I) the defense-wide plan required under section 2867(b)(2) of the National Defense Au-

thorization Act for Fiscal Year 2012 (10 U.S.C. 2223a note); and

(II) the report on cost savings required under section 2867(d) of the National Defense Authorization Act for Fiscal Year 2012 (10 U.S.C. 2223a note); and

(ii) shall submit the comprehensive inventory required under subparagraph (A)(i), unless the defense-wide plan required under section 2867(b)(2) of the National Defense Authorization Act for Fiscal Year 2012 (10 U.S.C. 2223a note)—

(I) contains a comparable comprehensive inventory; and

(II) is submitted under clause (i).

(D) **STATEMENT.**—Beginning in the first fiscal year after the date of enactment of this Act and each fiscal year thereafter, the head of each covered agency, acting through the Chief Information Officer of the agency, shall—

(i) submit a statement to the Administrator stating whether the agency has complied with the requirements of this section; and

(II) make the statement submitted under subclause (i) publicly available; and

(ii) if the agency has not complied with the requirements of this section, submit a statement to the Administrator explaining the reasons for not complying with such requirements.

(E) **AGENCY IMPLEMENTATION OF STRATEGIES.**—

(i) **IN GENERAL.**—Each covered agency, under the direction of the Chief Information Officer of the agency, shall—

(I) implement the strategy required under subparagraph (A)(ii); and

(II) provide updates to the Administrator, on a quarterly basis, of—

(aa) the completion of activities by the agency under the FDCCI;

(bb) any progress of the agency towards meeting the Government-wide data center consolidation and optimization metrics; and

(cc) the actual cost savings and other improvements realized through the implementation of the strategy of the agency.

(ii) **DEPARTMENT OF DEFENSE.**—For purposes of clause (i)(I), implementation of the defense-wide plan required under section 2867(b)(2) of the National Defense Authorization Act for Fiscal Year 2012 (10 U.S.C. 2223a note) by the Department of Defense shall be considered implementation of the strategy required under subparagraph (A)(ii).

(F) **RULE OF CONSTRUCTION.**—Nothing in this section shall be construed to limit the reporting of information by a covered agency to the Administrator, the Director of the Office of Management and Budget, or Congress.

(2) **ADMINISTRATOR RESPONSIBILITIES.**—The Administrator shall—

(A) establish the deadline, on an annual basis, for covered agencies to submit information under this section;

(B) establish a list of requirements that the covered agencies must meet to be considered in compliance with paragraph (1);

(C) ensure that information relating to agency progress towards meeting the Government-wide data center consolidation and optimization metrics is made available in a timely manner to the general public;

(D) review the inventories and strategies submitted under paragraph (1) to determine whether they are comprehensive and complete;

(E) monitor the implementation of the data center strategy of each covered agency that is required under paragraph (1)(A)(ii);

(F) update, on an annual basis, the cumulative cost savings realized through the implementation of the FDCCI; and

(G) establish metrics applicable to the consolidation and optimization of data centers

Government-wide, including metrics with respect to—

- (i) costs;
- (ii) efficiencies, including at least server efficiency; and
- (iii) any other metrics the Administrator establishes under this subparagraph.

(3) COST SAVING GOAL AND UPDATES FOR CONGRESS.—

(A) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, the Administrator shall develop, and make publically available, a goal, broken down by year, for the amount of planned cost savings and optimization improvements achieved through the FDCCI during the period beginning on the date of enactment of this Act and ending on the date described in subsection (f).

(B) ANNUAL UPDATE.—

(i) IN GENERAL.—Not later than 1 year after the date on which the goal described in subparagraph (A) is made publically available, and each year thereafter, the Administrator shall aggregate the reported cost savings of each covered agency and optimization improvements achieved to date through the FDCCI and compare the savings to the projected cost savings and optimization improvements developed under subparagraph (A).

(ii) UPDATE FOR CONGRESS.—The goal required to be developed under subparagraph (A) shall be submitted to Congress and shall be accompanied by a statement describing—

(I) whether each covered agency has in fact submitted a comprehensive asset inventory, including an assessment broken down by agency, which shall include the specific numbers, utilization, and efficiency level of data centers; and

(II) whether each covered agency has submitted a comprehensive consolidation strategy with the key elements described in paragraph (1)(A)(ii).

(4) GAO REVIEW.—

(A) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, and each year thereafter, the Comptroller General of the United States shall review and verify the quality and completeness of the asset inventory and strategy of each covered agency required under paragraph (1)(A).

(B) REPORT.—The Comptroller General of the United States shall, on an annual basis, publish a report on each review conducted under subparagraph (A).

(d) ENSURING CYBERSECURITY STANDARDS FOR DATA CENTER CONSOLIDATION AND CLOUD COMPUTING.—

(1) IN GENERAL.—In implementing a data center consolidation and optimization strategy under this section, a covered agency shall do so in a manner that is consistent with Federal guidelines on cloud computing security, including—

(A) applicable provisions found within the Federal Risk and Authorization Management Program (FedRAMP); and

(B) guidance published by the National Institute of Standards and Technology.

(2) RULE OF CONSTRUCTION.—Nothing in this section shall be construed to limit the ability of the Director of the Office of Management and Budget to update or modify the Federal guidelines on cloud computing security.

(e) WAIVER OF DISCLOSURE REQUIREMENTS.—The Director of National Intelligence may waive the applicability to any element (or component of an element) of the intelligence community of any provision of this section if the Director of National Intelligence determines that such waiver is in the interest of national security. Not later than 30 days after making a waiver under this subsection, the Director of National Intelligence shall submit to the Committee on

Homeland Security and Governmental Affairs and the Select Committee on Intelligence of the Senate and the Committee on Oversight and Government Reform and the Permanent Select Committee on Intelligence of the House of Representatives a statement describing the waiver and the reasons for the waiver.

(f) SUNSET.—This section is repealed effective on October 1, 2018.

SA 3023. Mr. REID proposed an amendment to amendment SA 3012 submitted by Mrs. SHAHEEN (for herself and Mr. PORTMAN) to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; as follows:

At the end, add the following:

This Act shall become effective 1 day after enactment.

SA 3024. Mr. REID proposed an amendment to amendment SA 3023 proposed by Mr. REID to the amendment SA 3012 submitted by Mrs. SHAHEEN (for herself and Mr. PORTMAN) to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; as follows:

In the amendment, strike “1 day” and insert “2 days”.

SA 3025. Mr. REID proposed an amendment to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; as follows:

At the end, add the following:

This Act shall become effective 3 days after enactment.

SA 3026. Mr. REID proposed an amendment to amendment SA 3025 proposed by Mr. REID to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; as follows:

In the amendment, strike “3 days” and insert “4 days”.

SA 3027. Mr. REID proposed an amendment to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; as follows:

At the end, add the following:

This Act shall become effective 5 days after enactment.

SA 3028. Mr. REID proposed an amendment to amendment SA 3027 proposed by Mr. REID to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; as follows:

In the amendment, strike “5 days” and insert “6 days”.

SA 3029. Mr. REID proposed an amendment to amendment SA 3028 proposed by Mr. REID to the amendment SA 3027 proposed by Mr. REID to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; as follows:

In the amendment, strike “6 days” and insert “7 days”.

SA 3030. Mr. SESSIONS submitted an amendment intended to be proposed by

him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5. TRANSPARENCY AND FISCAL ACCOUNTABILITY.

(a) IN GENERAL.—Notwithstanding any other provision of law (including regulations), the Administrator of the Environmental Protection Agency shall track the use of taxpayer funds relating to the rule-making processes of the Environmental Protection Agency that impact energy development, production, or generation, economic development, or job creation.

(b) REPORT.—

(1) IN GENERAL.—The Administrator of the Environmental Protection Agency shall submit to Congress and post on the website of the Environmental Protection Agency an annual report detailing the results of the evaluation under subsection (a).

(2) CONTENTS.—The annual report under paragraph (1) shall include a description of—

(A) the administrative costs associated with the rulemaking processes, including the personnel costs;

(B) the costs associated with holding public hearings and meetings;

(C) travel costs; and

(D) third-party expenses, such as the costs associated with hiring consultants and scientists.

SA 3031. Mr. SESSIONS submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5. COOPERATIVE FEDERALISM.

Notwithstanding any other provision of law (including regulations), on the request of a State, the Administrator of the Environmental Protection Agency shall provide the State not less than 120 additional days to review and comment on any proposed regulation of the Environmental Protection Agency that the State determines will have an impact on energy development, production, or generation, economic development, or job creation in the State.

SA 3032. Mr. ENZI submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

On page 134, after line 25, add the following:

SEC. 5. CONVEYANCE TO STATES OF PROPERTY INTEREST IN STATE SHARE OF ROYALTIES AND OTHER PAYMENTS.

Section 35 of the Mineral Leasing Act (30 U.S.C. 191) is amended—

(1) in the first sentence of subsection (a), by striking “shall be paid into the Treasury” and inserting “shall, except as provided in subsection (d), be paid into the Treasury”;

(2) in subsection (c)(1), by inserting “and except as provided in subsection (d)” before “, any rentals”; and

(3) by adding at the end the following:

“(d) CONVEYANCE TO STATES OF PROPERTY INTEREST IN STATE SHARE.—

“(1) IN GENERAL.—Notwithstanding any other provision of law, on request of a State

(other than the State of Alaska) and in lieu of any payments to the State under subsection (a), the Secretary of the Interior shall convey to the State all right, title, and interest in and to 50 percent of all amounts otherwise required to be paid into the Treasury under subsection (a) from sales, bonuses, royalties (including interest charges), and rentals for all public land or deposits located in the State.

“(2) STATE OF ALASKA.—Notwithstanding any other provision of law, on request of the State of Alaska and in lieu of any payments to the State under subsection (a), the Secretary of the Interior shall convey to the State all right, title, and interest in and to 90 percent of all amounts otherwise required to be paid into the Treasury under subsection (a) from sales, bonuses, royalties (including interest charges), and rentals for all public land or deposits located in the State.

“(3) AMOUNT.—Notwithstanding any other provision of law, after a conveyance to a State under paragraph (1) or (2), any person shall pay directly to the State any amount owed by the person for which the right, title, and interest has been conveyed to the State under this subsection.

“(4) NOTICE.—The Secretary of the Interior shall promptly provide to each holder of a lease of public land to which subsection (a) applies that are located in a State to which right, title, and interest is conveyed under this subsection notice that—

“(A) the Secretary of the Interior has conveyed to the State all right, title, and interest in and to the amounts referred to in paragraph (1) or (2); and

“(B) the leaseholder is required to pay the amounts directly to the State.”.

SA 3033. Mr. ENZI submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the end, add the following:

SEC. 5. REGIONAL HAZE PROGRAM.

Notwithstanding any other provision of law, the Administrator of the Environmental Protection Agency (referred to in this section as the “Administrator”) shall not reject or disapprove in whole or in part a State regional haze implementation plan addressing any regional haze regulation of the Environmental Protection Agency (including the regulations described in section 51.308 of title 40, Code of Federal Regulations (or successor regulations)) if—

(1) the State has submitted to the Administrator a State implementation plan for regional haze that—

(A) considers the factors identified in section 169A of the Clean Air Act (42 U.S.C. 7491); and

(B) applies the relevant laws (including regulations);

(2) the Administrator fails to demonstrate using the best available science that a Federal implementation plan action governing a specific source, when compared to the State plan, results in at least a 1.0 deciview improvement in any class I area (as classified under section 162 of the Clean Air Act (42 U.S.C. 7472)); and

(3) implementation of the Federal implementation plan, when compared to the State plan, will result in an economic cost to the State or to the private sector of greater than \$100,000,000 in any fiscal year or \$300,000,000 in the aggregate.

SA 3034. Mr. TOOMEY submitted an amendment intended to be proposed by

him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5. FEDERAL VEHICLE REPAIR COST SAVINGS.

(a) FINDINGS.—Congress finds that, in March 2013, the Government Accountability Office issued a report that confirmed that—

(1) there are approximately 588,000 vehicles in the civilian Federal fleet;

(2) Federal agencies spent approximately \$975,000,000 on repair and maintenance of the Federal fleet in 2011;

(3) remanufactured vehicle components, such as engines, starters, alternators, steering racks, and clutches, tend to be less expensive than comparable new replacement parts; and

(4) the United States Postal Service and the Department of the Interior both informed the Government Accountability Office that the respective agencies rely on the use of remanufactured vehicle components to reduce costs.

(b) REQUIREMENT TO USE REMANUFACTURED VEHICLE COMPONENTS.—

(1) DEFINITIONS.—In this subsection:

(A) FEDERAL AGENCY.—The term “Federal agency” has the meaning given that term in section 102 of title 40, United States Code.

(B) REMANUFACTURED VEHICLE COMPONENT.—The term “remanufactured vehicle component” means a vehicle component (including an engine, transmission, alternator, starter, turbocharger, steering, or suspension component) that has been returned to same-as-new, or better, condition and performance by a standardized industrial process that incorporates technical specifications (including engineering, quality, and testing standards) to yield fully warranted products.

(2) REQUIREMENT.—The head of each Federal agency shall encourage the use of remanufactured vehicle components to maintain Federal vehicles—

(A) if using those components reduces the cost while maintaining quality; but

(B) not if using those components—

(i) does not reduce the cost of maintaining Federal vehicles;

(ii) lowers the quality of vehicle performance, as determined by the employee of the Federal agency responsible for the repair decision; or

(iii) delays the return to service of a vehicle.

SA 3035. Mr. TOOMEY submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. . PROHIBITION ON NEW RULES FOR AUTOMATIC COMMERCIAL ICE MAKERS.

Notwithstanding any other provision of law, the Secretary of Energy shall not propose or finalize any new rule to increase energy conservation or efficiency standards for automatic commercial ice makers, including the proposed rule entitled “Energy Conservation Program: Energy Conservation Standards for Automatic Commercial Ice Makers” (79 Fed. Reg. 14846 (March 17, 2014)).

SA 3036. Mr. TOOMEY (for himself and Mr. CASEY) submitted an amend-

ment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5. ELECTRIC GENERATING UNIT COMPLIANCE DELAY FOR CERTAIN EPA RULES.

(a) DEFINITION OF COAL REFUSE.—

(1) IN GENERAL.—In this section, the term “coal refuse” means any waste coal, rock, shale, slurry, culm, gob, boney, slate, clay and related materials, associated with or near a coal seam, that are—

(A) brought aboveground or otherwise removed from a coal mine in the process of mining coal; or

(B) separated from coal during cleaning or preparation operations.

(2) INCLUSIONS.—The term “coal refuse” includes underground development waste, coal processing waste, and excess spoil.

(b) COMPLIANCE DELAY.—An electric generating unit that uses coal refuse as the primary feedstock of the electric generating unit shall be exempt from the rule of the Environmental Protection Agency entitled “National Emission Standards for Hazardous Air Pollutants From Coal- and Oil-Fired Electric Utility Steam Generating Units and Standards of Performance for Fossil-Fuel-Fired Electric Utility, Industrial-Commercial-Institutional, and Small Industrial-Commercial-Institutional Steam Generating Units” (77 Fed. Reg. 9304 (February 16, 2012)) until December 31, 2017.

SA 3037. Mr. TOOMEY submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. . PROHIBITION ON NEW RULES FOR RESIDENTIAL BOILERS.

Notwithstanding any other provision of law, the Secretary of Energy shall not propose or finalize any new rule to increase energy conservation or efficiency standards for residential boilers, including proposals described in the Department of Energy document entitled “Energy Conservation Standards for Residential Boilers: Availability of Analytical Results and Modeling Tools” (79 Fed. Reg. 8122 (February 11, 2014)).

SA 3038. Mr. UDALL of Colorado (for himself, Mr. BEGICH, and Ms. HEITKAMP) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title V, add the following:

SEC. 5. EXPEDITED APPROVAL OF EXPORTATION OF NATURAL GAS TO WORLD TRADE ORGANIZATION MEMBER COUNTRIES.

(a) IN GENERAL.—Section 3(c) of the Natural Gas Act (15 U.S.C. 717b(c)) is amended—

(1) by striking “(c) For purposes” and inserting the following:

“(c) EXPEDITED APPLICATION AND APPROVAL PROCESS.—

“(1) DEFINITION OF WORLD TRADE ORGANIZATION MEMBER COUNTRY.—In this subsection, the term ‘World Trade Organization member country’ has the meaning given the term

'WTO member country' in section 2 of the Uruguay Round Agreements Act (19 U.S.C. 3501).

“(2) EXPEDITED APPLICATION AND APPROVAL PROCESS.—For purposes”; and

(2) in paragraph (2) (as so designated), by inserting “or to a World Trade Organization member country” after “trade in natural gas”.

(b) EFFECTIVE DATE.—The amendments made by subsection (a) shall apply to applications for the authorization to export natural gas under section 3 of the Natural Gas Act (15 U.S.C. 717b) that are pending on, or filed on or after, the date of enactment of this Act.

SA 3039. Mr. UDALL of Colorado (for himself and Mr. MARKEY) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

Strike section 501 and insert the following:

SEC. 5. ACCESS TO CONSUMER ENERGY INFORMATION (E-ACCESS).

(a) IN GENERAL.—The Secretary shall encourage and support the adoption of policies that allow electricity consumers access to their own electricity data.

(b) ELIGIBILITY FOR STATE ENERGY PLANS.—Section 362(d) of the Energy Policy and Conservation Act (42 U.S.C. 6322(d)) is amended—

(1) in paragraph (16), by striking “and” after the semicolon at the end;

(2) by redesignating paragraph (17) as paragraph (18); and

(3) by inserting after paragraph (16) the following:

“(17) programs—

“(A) to enhance consumer access to and understanding of energy usage and price information, including consumers’ own residential and commercial electricity information; and

“(B) to allow for the development and adoption of innovative products and services to assist consumers in managing energy consumption and expenditures; and”.

(c) VOLUNTARY GUIDELINES FOR ELECTRIC CONSUMER ACCESS.—

(1) DEFINITIONS.—In this subsection:

(A) RETAIL ELECTRIC ENERGY INFORMATION.—The term “retail electric energy information” means—

(i) the electric energy consumption of an electric consumer over a defined time period;

(ii) the retail electric energy prices or rates applied to the electricity usage for the defined time period described in clause (i) for the electric consumer;

(iii) the estimated cost of service by the consumer, including (if smart meter usage information is available) the estimated cost of service since the last billing cycle of the consumer; and

(iv) in the case of nonresidential electric meters, any other electrical information that the meter is programmed to record (such as demand measured in kilowatts, voltage, frequency, current, and power factor).

(B) SMART METER.—The term “smart meter” means the device used by an electric utility that—

(i) measures electric energy consumption by an electric consumer at the home or facility of the electric consumer in intervals of 1 hour or less; and

(ii) is capable of sending electric energy usage information through a communications network to the electric utility; or

(iii) meets the guidelines issued under paragraph (2).

(2) VOLUNTARY GUIDELINES FOR ELECTRIC CONSUMER ACCESS.—

(A) IN GENERAL.—Not later than 180 days after the date of enactment of this Act, subject to subparagraph (B), the Secretary shall issue voluntary guidelines that establish model standards for implementation of retail electric energy information access in States.

(B) CONSULTATION.—Before issuing the voluntary guidelines, the Secretary shall—

(i) consult with—

(I) State and local regulatory authorities, including the National Association of Regulatory Utility Commissioners;

(II) other appropriate Federal agencies, including the National Institute of Standards and Technology;

(III) consumer and privacy advocacy groups;

(IV) utilities;

(V) the National Association of State Energy Officials; and

(VI) other appropriate entities, including groups representing commercial and residential building owners and groups that represent demand response and electricity data devices and services; and

(ii) provide notice and opportunity for comment.

(C) STATE AND LOCAL REGULATORY ACTION.—In issuing the voluntary guidelines, the Secretary shall, to the maximum extent practicable, be guided by actions taken by State and local regulatory authorities to ensure electric consumer access to retail electric energy information, including actions taken after consideration of the standard established under section 111(d)(17) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2621(d)(17)).

(D) CONTENTS.—

(i) IN GENERAL.—The voluntary guidelines shall provide guidance on issues necessary to carry out this subsection, including—

(I) the timeliness and specificity of retail electric energy information;

(II) appropriate nationally recognized open standards for data;

(III) the protection of data security and electric consumer privacy, including consumer consent requirements; and

(IV) issues relating to access of electric energy information for owners and managers of multitenant commercial and residential buildings.

(ii) INCLUSIONS.—The voluntary guidelines shall include guidance that—

(I) retail electric energy information should be made available to electric consumers (and third party designees of the electric consumers) in the United States—

(aa) in an electronic machine readable form, without additional charge, in conformity with nationally recognized open standards developed by a nationally recognized standards organization;

(bb) as timely as is reasonably practicable;

(cc) at the level of specificity that the data is transmitted by the meter or as is reasonably practicable; and

(dd) in a manner that provides adequate protections for the security of the information and the privacy of the electric consumer;

(II) in the case of an electric consumer that is served by a smart meter that can also communicate energy usage information to a device or network of an electric consumer or a device or network of a third party authorized by the consumer, the feasibility should be considered of providing to the consumer or third party designee, at a minimum, access to usage information (not including price information) of the consumer directly from the smart meter;

(III) retail electric energy information should be provided by the electric utility of the consumer or such other entity as may be designated by the applicable electric retail regulatory authority;

(IV) retail electric energy information of the consumer should be made available to the consumer through a website or other electronic access authorized by the electric consumer, for a period of at least 13 months after the date on which the usage occurred;

(V) consumer access to data, including data provided to owners and managers of commercial and multifamily buildings with multiple tenants, should not interfere with or compromise the integrity, security, or privacy of the operations of a utility and the electric consumer;

(VI) electric energy information relating to usage information generated by devices in or on the property of the consumer that is transmitted to the electric utility should be made available to the electric consumer or the third party agent designated by the electric consumer; and

(VII) the same privacy and security requirements applicable to the contracting utility should apply to third party agents contracting with a utility to process the customer data of that utility.

(E) REVISIONS.—The Secretary shall periodically review and, as necessary, revise the voluntary guidelines to reflect changes in technology, privacy needs, and the market for electric energy and services.

(d) VERIFICATION AND IMPLEMENTATION.—

(1) IN GENERAL.—A State may submit to the Secretary a description of the data sharing policies of the State relating to consumer access to electric energy information for certification by the Secretary that the policies meet the voluntary guidelines issued under subsection (c)(2).

(2) ASSISTANCE.—Subject to the availability of funds under paragraph (3), the Secretary shall make Federal amounts available to any State that has data sharing policies described in paragraph (1) that the Secretary certifies meets the voluntary guidelines issued under subsection (c)(2) to assist the State in implementing section 362(d)(17) of the Energy Policy and Conservation Act (42 U.S.C. 6322(d)(17)).

(3) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this subsection \$10,000,000 for fiscal year 2015, to remain available until expended.

SEC. 5. OFFSET.

Section 422(f) of the Energy Independence and Security Act of 2007 (42 U.S.C. 17082(f)) is amended—

(1) in paragraph (3), by striking “and” after the semicolon at the end; and

(2) by striking paragraph (4) and inserting the following:

“(4) \$200,000,000 for each of fiscal years 2013 and 2014;

“(5) \$145,000,000 for fiscal year 2015; and

“(6) \$100,000,000 for each of fiscal years 2016 through 2018.”.

SA 3040. Mr. UDALL of Colorado (for himself, Mr. BEGICH, and Ms. HEITKAMP) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5. NATURAL GAS EXPORTS.

(a) DECISION DEADLINE.—

(1) IN GENERAL.—The Secretary shall issue a final decision, or a conditional decision in the case of an application that has not completed the review required by the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.), on any application for authorization to export natural gas under section 3

of the Natural Gas Act (15 U.S.C. 717b) not later than 90 days after the later of—

(A) the end of the comment period for the decision as set forth in the applicable notice published in the Federal Register; or

(B) the date of enactment of this Act.

(2) **CONDITIONAL DECISION.**—If the Secretary issues a conditional decision pursuant to paragraph (1), the Secretary shall issue a final decision on any application for authorization to export natural gas under section 3 of the Natural Gas Act (15 U.S.C. 717b) not later than 60 days after conclusion of the review required by the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

(b) **JUDICIAL ACTION.**—

(1) **IN GENERAL.**—The United States Court of Appeals for the circuit in which the export facility will be located pursuant to an application described in subsection (a) shall have original and exclusive jurisdiction over any civil action for the review of—

(A) an order issued by the Secretary with respect to the application; or

(B) the failure of the Secretary to issue a decision on the application.

(2) **ORDER.**—If the Court in a civil action described in paragraph (1) finds that the Secretary has failed to issue a decision on the application as required under subsection (a), the Court shall order the Secretary to issue the decision not later than 30 days after the order of the Court.

(3) **EXPEDITED CONSIDERATION.**—The Court shall—

(A) set any civil action brought under this subsection for expedited consideration; and

(B) set the matter on the docket as soon as practicable after the filing date of the initial pleading.

(c) **PUBLIC DISCLOSURE OF EXPORT DESTINATIONS.**—Section 3 of the Natural Gas Act (15 U.S.C. 717b) is amended by adding at the end the following:

“(g) **PUBLIC DISCLOSURE OF LIQUEFIED NATURAL GAS EXPORT DESTINATIONS.**—

“(1) **IN GENERAL.**—In the case of any authorization to export liquefied natural gas, the Secretary of Energy shall require the applicant to report to the Secretary of Energy the names of the 1 or more countries of destination to which the exported liquefied natural gas is delivered.

“(2) **TIMING.**—The applicant shall file the report required under paragraph (1) not later than—

“(A) in the case of the first export, the last day of the month following the month of the first export; and

“(B) in the case of subsequent exports, the date that is 30 days after the last day of the applicable month concerning the activity of the previous month.

“(3) **DISCLOSURE.**—The Secretary of Energy shall publish the information reported under this subsection on the website of the Department of Energy and otherwise make the information available to the public.”.

SA 3041. Ms. KLOBUCHAR (for herself and Mr. HOEVEN) submitted an amendment intended to be proposed by her to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

On page 134, after line 25, add the following:

SEC. 5. ENERGY EFFICIENCY RETROFIT PILOT PROGRAM.

(a) **DEFINITIONS.**—In this section:

(1) **APPLICANT.**—The term “applicant” means a nonprofit organization that applies for a grant under this section.

(2) **ENERGY-EFFICIENCY IMPROVEMENT.**—

(A) **IN GENERAL.**—The term “energy-efficiency improvement” means an installed measure (including a product, equipment, system, service, or practice) that results in a reduction in use by a nonprofit organization for energy or fuel supplied from outside the nonprofit building.

(B) **INCLUSIONS.**—The term “energy-efficiency improvement” includes an installed measure described in subparagraph (A) involving—

(i) repairing, replacing, or installing—

(I) a roof or lighting system, or component of a roof or lighting system;

(II) a window;

(III) a door, including a security door; or

(IV) a heating, ventilation, or air conditioning system or component of the system (including insulation and wiring and plumbing improvements needed to serve a more efficient system);

(ii) a renewable energy generation or heating system, including a solar, photovoltaic, wind, geothermal, or biomass (including wood pellet) system or component of the system; and

(iii) any other measure taken to modernize, renovate, or repair a nonprofit building to make the nonprofit building more energy efficient.

(3) **NONPROFIT BUILDING.**—

(A) **IN GENERAL.**—The term “nonprofit building” means a building operated and owned by a nonprofit organization.

(B) **INCLUSIONS.**—The term “nonprofit building” includes a building described in subparagraph (A) that is—

(i) a hospital;

(ii) a youth center;

(iii) a school;

(iv) a social-welfare program facility;

(v) a faith-based organization; and

(vi) any other nonresidential and non-commercial structure.

(4) **SECRETARY.**—The term “Secretary” means the Secretary of Energy.

(b) **ESTABLISHMENT.**—Not later than 1 year after the date of enactment of this Act, the Secretary shall establish a pilot program to award grants for the purpose of retrofitting nonprofit buildings with energy-efficiency improvements.

(c) **GRANTS.**—

(1) **IN GENERAL.**—The Secretary may award grants under the program established under subsection (b).

(2) **APPLICATION.**—The Secretary may award a grant under this section if an applicant submits to the Secretary an application at such time, in such form, and containing such information as the Secretary may prescribe.

(3) **CRITERIA FOR GRANT.**—In determining whether to award a grant under this section, the Secretary shall apply performance-based criteria, which shall give priority to applications based on—

(A) the energy savings achieved;

(B) the cost-effectiveness of the energy-efficiency improvement;

(C) an effective plan for evaluation, measurement, and verification of energy savings;

(D) the financial need of the applicant; and

(E) the percentage of the matching contribution by the applicant.

(4) **LIMITATION ON INDIVIDUAL GRANT AMOUNT.**—Each grant awarded under this section shall not exceed—

(A) an amount equal to 50 percent of the energy-efficiency improvement; and

(B) \$200,000.

(5) **COST SHARING.**—

(A) **IN GENERAL.**—A grant awarded under this section shall be subject to a minimum non-Federal cost-sharing requirement of 50 percent.

(B) **IN-KIND CONTRIBUTIONS.**—The non-Federal share may be provided in the form of in-kind contributions of materials or services.

(d) **AUTHORIZATION OF APPROPRIATIONS.**—There is authorized to be appropriated to carry out this section \$10,000,000 for each of fiscal years 2014 through 2018, to remain available until expended.

(e) **OFFSET.**—Section 942(f) of the Energy Policy Act of 2005 (42 U.S.C. 16251(f)) is amended by striking “\$250,000,000” and inserting “\$200,000,000”.

SA 3042. Ms. KLOBUCHAR submitted an amendment intended to be proposed by her to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the end, add the following:

TITLE VI—METAL THEFT PREVENTION ACT

SEC. 601. SHORT TITLE.

This title may be cited as the “Metal Theft Prevention Act of 2014”.

SEC. 602. DEFINITIONS.

In this title—

(1) the term “critical infrastructure” has the meaning given the term in section 1016(e) of the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism (USA PATRIOT ACT) Act of 2001 (42 U.S.C. 5195c(e));

(2) the term “specified metal” means metal that—

(A)(i) is marked with the name, logo, or initials of a city, county, State, or Federal government entity, a railroad, an electric, gas, or water company, a telephone company, a cable company, a retail establishment, a beer supplier or distributor, or a public utility; or

(ii) has been altered for the purpose of removing, concealing, or obliterating a name, logo, or initials described in clause (i) through burning or cutting of wire sheathing or other means; or

(B) is part of—

(i) a street light pole or street light fixture;

(ii) a road or bridge guard rail;

(iii) a highway or street sign;

(iv) a water meter cover;

(v) a storm water grate;

(vi) unused or undamaged building construction or utility material;

(vii) a historical marker;

(viii) a grave marker or cemetery urn;

(ix) a utility access cover; or

(x) a container used to transport or store beer with a capacity of 5 gallons or more;

(C) is a wire or cable commonly used by communications and electrical utilities; or

(D) is copper, aluminum, and other metal (including any metal combined with other materials) that is valuable for recycling or reuse as raw metal, except for—

(i) aluminum cans; and

(ii) motor vehicles, the purchases of which are reported to the National Motor Vehicle Title Information System (established under section 30502 of title 49); and

(3) the term “recycling agent” means any person engaged in the business of purchasing specified metal for reuse or recycling, without regard to whether that person is engaged in the business of recycling or otherwise processing the purchased specified metal for reuse.

SEC. 603. THEFT OF SPECIFIED METAL.

(a) **OFFENSE.**—It shall be unlawful to knowingly steal specified metal—

(1) being used in or affecting interstate or foreign commerce; and

(2) the theft of which is from and harms critical infrastructure.

(b) **PENALTY.**—Any person who commits an offense described in subsection (a) shall be fined under title 18, United States Code, imprisoned not more than 10 years, or both.

SEC. 604. DOCUMENTATION OF OWNERSHIP OR AUTHORITY TO SELL.

(a) **OFFENSES.**—

(1) **IN GENERAL.**—Except as provided in paragraph (2), it shall be unlawful for a recycling agent to purchase specified metal described in subparagraph (A) or (B) of section 602(2), unless—

(A) the seller, at the time of the transaction, provides documentation of ownership of, or other proof of the authority of the seller to sell, the specified metal; and

(B) there is a reasonable basis to believe that the documentation or other proof of authority provided under subparagraph (A) is valid.

(2) **EXCEPTION.**—Paragraph (1) shall not apply to a recycling agent that is subject to a State or local law that sets forth a requirement on recycling agents to obtain documentation of ownership or proof of authority to sell specified metal before purchasing specified metal.

(3) **RESPONSIBILITY OF RECYCLING AGENT.**—A recycling agent is not required to independently verify the validity of the documentation or other proof of authority described in paragraph (1).

(4) **PURCHASE OF STOLEN METAL.**—It shall be unlawful for a recycling agent to purchase any specified metal that the recycling agent—

(A) knows to be stolen; or

(B) should know or believe, based upon commercial experience and practice, to be stolen.

(b) **CIVIL PENALTY.**—A person who knowingly violates subsection (a) shall be subject to a civil penalty of not more than \$10,000 for each violation.

SEC. 605. TRANSACTION REQUIREMENTS.

(a) **RECORDING REQUIREMENTS.**—

(1) **IN GENERAL.**—Except as provided in paragraph (2), a recycling agent shall maintain a written or electronic record of each purchase of specified metal.

(2) **EXCEPTION.**—Paragraph (1) shall not apply to a recycling agent that is subject to a State or local law that sets forth recording requirements that are substantially similar to the requirements described in paragraph (3) for the purchase of specified metal.

(3) **CONTENTS.**—A record under paragraph (1) shall include—

(A) the name and address of the recycling agent; and

(B) for each purchase of specified metal—

(i) the date of the transaction;

(ii) a description of the specified metal purchased using widely used and accepted industry terminology;

(iii) the amount paid by the recycling agent;

(iv) the name and address of the person to which the payment was made;

(v) the name of the person delivering the specified metal to the recycling agent, including a distinctive number from a Federal or State government-issued photo identification card and a description of the type of the identification; and

(vi) the license plate number and State-of-issue, make, and model, if available, of the vehicle used to deliver the specified metal to the recycling agent.

(4) **REPEAT SELLERS.**—A recycling agent may comply with the requirements of this subsection with respect to a purchase of specified metal from a person from which the recycling agent has previously purchased specified metal by—

(A) reference to the existing record relating to the seller; and

(B) recording any information for the transaction that is different from the record relating to the previous purchase from that person.

(5) **RECORD RETENTION PERIOD.**—A recycling agent shall maintain any record required under this subsection for not less than 2 years after the date of the transaction to which the record relates.

(6) **CONFIDENTIALITY.**—Any information collected or retained under this section may be disclosed to any Federal, State, or local law enforcement authority or as otherwise directed by a court of law.

(b) **PURCHASES IN EXCESS OF \$100.**—

(1) **IN GENERAL.**—Except as provided in paragraph (2), a recycling agent may not pay cash for a single purchase of specified metal of more than \$100. For purposes of this paragraph, more than 1 purchase in any 48-hour period from the same seller shall be considered to be a single purchase.

(2) **EXCEPTION.**—Paragraph (1) shall not apply to a recycling agent that is subject to a State or local law that sets forth a maximum amount for cash payments for the purchase of specified metal.

(3) **PAYMENT METHOD.**—

(A) **OCCASIONAL SELLERS.**—Except as provided in subparagraph (B), for any purchase of specified metal of more than \$100 a recycling agent shall make payment by check that—

(i) is payable to the seller; and

(ii) includes the name and address of the seller.

(B) **ESTABLISHED COMMERCIAL TRANSACTIONS.**—A recycling agent may make payments for a purchase of specified metal of more than \$100 from a governmental or commercial supplier of specified metal with which the recycling agent has an established commercial relationship by electronic funds transfer or other established commercial transaction payment method through a commercial bank if the recycling agent maintains a written record of the payment that identifies the seller, the amount paid, and the date of the purchase.

(c) **CIVIL PENALTY.**—A person who knowingly violates subsection (a) or (b) shall be subject to a civil penalty of not more than \$5,000 for each violation, except that a person who commits a minor violation shall be subject to a penalty of not more than \$1,000.

SEC. 606. ENFORCEMENT BY ATTORNEY GENERAL.

The Attorney General may bring an enforcement action in an appropriate United States district court against any person that engages in conduct that violates this title.

SEC. 607. ENFORCEMENT BY STATE ATTORNEYS GENERAL.

(a) **IN GENERAL.**—An attorney general or equivalent regulator of a State may bring a civil action in the name of the State, as parens patriae on behalf of natural persons residing in the State, in any district court of the United States or other competent court having jurisdiction over the defendant, to secure monetary or equitable relief for a violation of this title.

(b) **NOTICE REQUIRED.**—Not later than 30 days before the date on which an action under subsection (a) is filed, the attorney general or equivalent regulator of the State involved shall provide to the Attorney General—

(1) written notice of the action; and

(2) a copy of the complaint for the action.

(c) **ATTORNEY GENERAL ACTION.**—Upon receiving notice under subsection (b), the Attorney General shall have the right—

(1) to intervene in the action;

(2) upon so intervening, to be heard on all matters arising therein;

(3) to remove the action to an appropriate district court of the United States; and

(4) to file petitions for appeal.

(d) **PENDING FEDERAL PROCEEDINGS.**—If a civil action has been instituted by the Attorney General for a violation of this title, no State may, during the pendency of the action instituted by the Attorney General, institute a civil action under this title against any defendant named in the complaint in the civil action for any violation alleged in the complaint.

(e) **CONSTRUCTION.**—For purposes of bringing a civil action under subsection (a), nothing in this section regarding notification shall be construed to prevent the attorney general or equivalent regulator of the State from exercising any powers conferred under the laws of that State to—

(1) conduct investigations;

(2) administer oaths or affirmations; or

(3) compel the attendance of witnesses or the production of documentary and other evidence.

SEC. 608. DIRECTIVE TO SENTENCING COMMISSION.

(a) **IN GENERAL.**—Pursuant to its authority under section 994 of title 28, United States Code, and in accordance with this section, the United States Sentencing Commission, shall review and, if appropriate, amend the Federal Sentencing Guidelines and policy statements applicable to a person convicted of a criminal violation of section 603 of this title or any other Federal criminal law based on the theft of specified metal by such person.

(b) **CONSIDERATIONS.**—In carrying out this section, the Sentencing Commission shall—

(1) ensure that the sentencing guidelines and policy statements reflect the—

(A) serious nature of the theft of specified metal; and

(B) need for an effective deterrent and appropriate punishment to prevent such theft;

(2) consider the extent to which the guidelines and policy statements appropriately account for—

(A) the potential and actual harm to the public from the offense, including any damage to critical infrastructure;

(B) the amount of loss, or the costs associated with replacement or repair, attributable to the offense;

(C) the level of sophistication and planning involved in the offense; and

(D) whether the offense was intended to or had the effect of creating a threat to public health or safety, injury to another person, or death;

(3) account for any additional aggravating or mitigating circumstances that may justify exceptions to the generally applicable sentencing ranges;

(4) assure reasonable consistency with other relevant directives and with other sentencing guidelines and policy statements; and

(5) assure that the sentencing guidelines and policy statements adequately meet the purposes of sentencing as set forth in section 3553(a)(2) of title 18, United States Code.

SEC. 609. STATE AND LOCAL LAW NOT PRE-EMPTED.

Nothing in this title shall be construed to preempt any State or local law regulating the sale or purchase of specified metal, the reporting of such transactions, or any other aspect of the metal recycling industry.

SEC. 610. EFFECTIVE DATE.

This title shall take effect 180 days after the date of enactment of this Act.

SA 3043. Mr. BROWN (for himself and Mr. KIRK) submitted an amendment intended to be proposed by him to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title III, add the following:

SEC. 3. INCREASING WATER EFFICIENCY IN FEDERAL BUILDINGS.

(a) **DEFINITIONS.**—In this section:

(1) **ANSI-ACCREDITED PLUMBING CODE.**—The term “ANSI-accredited plumbing code” means a construction code for a plumbing system of a building that meets applicable codes established by the American National Standards Institute.

(2) **ANSI-AUDITED DESIGNATOR.**—The term “ANSI-audited designator” means an accredited developer that is recognized by the American National Standards Institute.

(3) **GREEN PLUMBERS USA TRAINING PROGRAM.**—The term “Green Plumbers USA training program” means the training and certification program teaching sustainability and water-savings practices that is established by the Green Plumbers organization.

(4) **HELMETS TO HARDHATS PROGRAM.**—The term “Helmets to Hardhats program” means the national, nonprofit program that connects National Guard, Reserve, retired, and transitioning active-duty military service members with skilled training and quality career opportunities in the construction industry.

(5) **PLUMBING EFFICIENCY RESEARCH COALITION.**—The term “Plumbing Efficiency Research Coalition” means the industry coalition comprised of plumbing manufacturers, code developers, plumbing engineers, and water efficiency experts established to advance plumbing research initiatives that support the development of water efficiency and sustainable plumbing products, systems, and practices.

(b) **WATER EFFICIENCY STANDARDS.**—The Secretary shall work with ANSI-audited designators to promote the implementation and use in the construction of Federal building of plumbing products, systems, and practices that meet standards and codes that achieve the highest level of water efficiency and conservation practicable consistent with construction budgets and the goals of Executive Order 13514 (42 U.S.C. 4321 note; relating to Federal leadership in environmental, energy, and economic performance), including—

(1) the most recent version of the ANSI-accredited plumbing code; and

(2) if no ANSI-accredited plumbing code exists, alternative plumbing standards and codes established by the Secretary.

(c) **TRAINING PROGRAMS.**—The Secretary shall work with nationally recognized plumbing training programs that meet applicable plumbing licensing requirements to provide competency training for individuals who install and repair plumbing systems in Federal and other buildings, including—

(1) the Helmets to Hardhats training program; and

(2) the Green Plumbers USA training program.

(d) **WATER EFFICIENCY RESEARCH.**—The Secretary shall promote plumbing research that increases water efficiency and conservation in plumbing products, systems, and practices used in Federal and other buildings and reduces the unintended consequences of reduced flows in the building drains and water supply systems of the United States, which may include working with the Andrew W. Breidenbach Environmental Research Center and the Plumbing Efficiency Research Coalition—

(1) to provide and exchange experts to conduct water efficiency and conservation plumbing-related studies;

(2) to assist in creating public awareness of reports of the Plumbing Efficiency Research Coalition; and

(3) to provide financial assistance if applicable and available.

SA 3044. Mr. REID (for Mr. PRYOR (for himself, Mr. COONS, Mr. BEGICH, and Mr. WYDEN)) submitted an amendment intended to be proposed by Mr. REID of Nevada to the bill S. 2262, to promote energy savings in residential buildings and industry, and for other purposes; which was ordered to lie on the table; as follows:

At the beginning of title V, insert the following:

SEC. 5. QUADRENNIAL ENERGY REVIEW.

(a) **FINDINGS.**—Congress finds that—

(1) the President’s Council of Advisors on Science and Technology recommends that the United States develop a Government wide Federal energy policy and update the policy regularly with strategic Quadrennial Energy Reviews similar to the reviews conducted by the Department of Defense;

(2) a Quadrennial Energy Review may—

(A) establish integrated, Government wide national energy objectives in the context of economic, environmental, and security priorities;

(B) recommend coordinated actions across Federal agencies;

(C) identify the resources needed for the invention, adoption, and diffusion of energy technologies; and

(D) provide a strong analytical base for Federal energy policy decisions;

(3) a Quadrennial Energy Review should consider reasonable estimates of future Federal budgetary resources when making recommendations;

(4) the development of an energy policy resulting from a Quadrennial Energy Review would—

(A) enhance the energy security of the United States;

(B) create jobs; and

(C) mitigate environmental harm; and

(5) while a Quadrennial Energy Review will be a product of the executive branch, the review will have substantial input from—

(A) Congress;

(B) the energy industry;

(C) academia;

(D) State, local and tribal governments;

(E) nongovernmental organizations; and

(F) the public.

(b) **QUADRENNIAL ENERGY REVIEW.**—Section 801 of the Department of Energy Organization Act (42 U.S.C. 7321) is amended to read as follows:

“SEC. 801. QUADRENNIAL ENERGY REVIEW.

“(a) **DEFINITIONS.**—In this section:

“(1) **DIRECTOR.**—The term ‘Director’ means the Director of the Office of Science and Technology Policy within the Executive Office of the President.

“(2) **FEDERAL LABORATORY.**—

“(A) **IN GENERAL.**—The term ‘Federal Laboratory’ has the meaning given the term ‘laboratory’ in section 12(d) of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3710a(d)).

“(B) **INCLUSION.**—The term ‘Federal Laboratory’ includes a federally funded research and development center sponsored by a Federal agency.

“(3) **QUADRENNIAL ENERGY REVIEW.**—The term ‘Quadrennial Energy Review’ means a comprehensive multiyear review, coordinated across Federal agencies, that—

“(A) describes plans for energy programs and technologies;

“(B) establishes energy objectives across the Federal Government; and

“(C) considers each of the areas described in subsection (d)(2), as appropriate.

“(4) **TASK FORCE.**—The term ‘Task Force’ means a Quadrennial Energy Review Task Force established under subsection (b)(1).

“(b) **QUADRENNIAL ENERGY REVIEW TASK FORCE.**—

“(1) **ESTABLISHMENT.**—Not later than 90 days after the date of enactment of the Energy Savings and Industrial Competitiveness Act of 2014, and every 4 years thereafter, the President shall establish a Quadrennial Energy Review Task Force to coordinate the Quadrennial Energy Review.

“(2) **CO-CHAIRPERSONS.**—The appropriate senior Federal Government official designated by the President and the Director shall be co-chairpersons of the Task Force.

“(3) **MEMBERSHIP.**—The Task Force shall be comprised of representatives at level I or II of the Executive Schedule of—

“(A) the Department of Energy;

“(B) the Department of Commerce;

“(C) the Department of Defense;

“(D) the Department of State;

“(E) the Department of the Interior;

“(F) the Department of Agriculture;

“(G) the Department of the Treasury;

“(H) the Department of Transportation;

“(I) the Office of Management and Budget;

“(J) the National Science Foundation;

“(K) the Environmental Protection Agency; and

“(L) such other Federal organizations, departments, and agencies that the President considers to be appropriate.

“(c) **CONDUCT OF REVIEW.**—Each Quadrennial Energy Review shall be conducted to provide an integrated view of important national energy objectives and Federal energy policy, including the maximum practicable alignment of research programs, incentives, regulations, and partnerships.

“(d) **SUBMISSION OF QUADRENNIAL ENERGY REVIEW TO CONGRESS.**—

“(1) **IN GENERAL.**—Not later than August 1, 2015, and not more than every 4 years thereafter, the President shall publish and submit to Congress a report on the Quadrennial Energy Review.

“(2) **INCLUSIONS.**—The report described in paragraph (1) should include, as appropriate—

“(A) an integrated view of short-, intermediate-, and long-term objectives for Federal energy policy in the context of economic, environmental, and security priorities;

“(B) executive actions (including programmatic, regulatory, and fiscal actions) and resource requirements—

“(i) to achieve the objectives described in subparagraph (A); and

“(ii) to be coordinated across multiple agencies;

“(C) an analysis of the prospective roles of parties (including academia, industry, consumers, the public, and Federal agencies) in achieving the objectives described in subparagraph (A), including—

“(i) an analysis, by energy use sector, including—

“(I) commercial and residential buildings;

“(II) the industrial sector;

“(III) transportation; and

“(IV) electric power;

“(ii) requirements for invention, adoption, development, and diffusion of energy technologies that are mapped onto each of the energy use sectors; and

“(iii) other research that inform strategies to incentivize desired actions;

“(D) an assessment of policy options to increase domestic energy supplies and energy efficiency;

“(E) an evaluation of energy storage, transmission, and distribution requirements, including requirements for renewable energy;

“(F) an integrated plan for the involvement of the Federal Laboratories in energy programs;

“(G) portfolio assessments that describe the optimal deployment of resources, including prioritizing financial resources for energy programs;

“(H) a mapping of the linkages among basic research and applied programs, demonstration programs, and other innovation mechanisms across the Federal agencies;

“(I) an identification of, and projections for, demonstration projects, including timeframes, milestones, sources of funding, and management;

“(J) an identification of public and private funding needs for various energy technologies, systems, and infrastructure, including consideration of public-private partnerships, loans, and loan guarantees;

“(K) an assessment of global competitors and an identification of programs that can be enhanced with international cooperation;

“(L) an identification of policy gaps that need to be filled to accelerate the adoption and diffusion of energy technologies, including consideration of—

“(i) Federal tax policies; and

“(ii) the role of Federal agencies as early adopters and purchasers of new energy technologies;

“(M) a priority list for implementation of objectives and actions taking into account estimated Federal budgetary resources;

“(N) an analysis of—

“(i) points of maximum leverage for policy intervention to achieve outcomes; and

“(ii) areas of energy policy that can be most effective in meeting national goals for the energy sector; and

“(O) recommendations for executive branch organization changes to facilitate the development and implementation of Federal energy policies.

“(e) INTERIM REPORTS.—The President may prepare and publish interim reports as part of the Quadrennial Energy Review.

“(f) EXECUTIVE SECRETARIAT.—

“(1) IN GENERAL.—The Secretary of Energy shall provide the Quadrennial Energy Review with an Executive Secretariat who shall make available the necessary analytical, financial, and administrative support for the conduct of each Quadrennial Energy Review required under this section.

“(2) COOPERATION.—The heads of applicable Federal agencies shall cooperate with the Secretary and provide such assistance, information, and resources as the Secretary may require to assist in carrying out this section.”.

(c) ADMINISTRATION.—Nothing in this section or an amendment made by this section supersedes, modifies, amends, or repeals any provision of Federal law not expressly superseded, modified, amended, or repealed by this section.

AUTHORITY FOR COMMITTEES TO MEET

COMMITTEE ON AGRICULTURE, NUTRITION, AND FORESTRY

Mr. COONS. Mr. President, I ask unanimous consent that the Committee on Agriculture, Nutrition, and Forestry, be authorized to meet during the session of the Senate on May 7, 2014, at 9 a.m. in room SR-328A of the Russell Senate Office Building, to conduct a hearing entitled “2014 Farm Bill: Implementation and Next Steps.”

The PRESIDING OFFICER. Without objection, it is so ordered.

COMMITTEE ON COMMERCE, SCIENCE, AND TRANSPORTATION

Mr. COONS. Mr. President, I ask unanimous consent that the Com-

mittee on Commerce, Science, and Transportation be authorized to meet during the session of the Senate on May 7, 2014, at 2:30 p.m. in room SR-253 of the Russell Senate Office Building, to conduct a hearing entitled “Surface Transportation Reauthorization: Progress, Challenges, and Next Steps.”

The PRESIDING OFFICER. Without objection, it is so ordered.

COMMITTEE ON INDIAN AFFAIRS

Mr. COONS. Mr. President, I ask unanimous consent that the Committee on Indian Affairs be authorized to meet during the session of the Senate on May 7, 2014, in room SD-628 of the Dirksen Senate Office Building, at 2:30 p.m.

The PRESIDING OFFICER. Without objection, it is so ordered.

SUBCOMMITTEE ON ECONOMIC POLICY

Mr. COONS. Mr. President, I ask unanimous consent that the Committee on Banking, Housing, and Urban Affairs Subcommittee on Economic Policy be authorized to meet during the session of the Senate on May 7, 2014 at 2:30 p.m., to conduct a hearing entitled “Drivers of Job Creation.”

The PRESIDING OFFICER. Without objection, it is so ordered.

SPECIAL COMMITTEE ON AGING

Mr. COONS. Mr. President, I ask unanimous consent that the Special Committee on Aging be authorized to meet during the session of the Senate on May 7, 2014, in room SD-562 of the Dirksen Senate Office Building at 2:15 p.m. to conduct a hearing entitled “The Fight Against Cancer: Challenges, Progress, and Promise.”

The PRESIDING OFFICER. Without objection, it is so ordered.

PRIVILEGES OF THE FLOOR

Mr. COONS. Mr. President, I ask unanimous consent that Dr. Sydney Kaufman, a fellow from the American Association for the Advancement of Science, be granted floor privileges for the remainder of the 113th Congress.

The PRESIDING OFFICER. Without objection, it is so ordered.

KILAH DAVENPORT CHILD PROTECTION ACT OF 2013

Mr. SCHATZ. Mr. President, I ask unanimous consent that the Judiciary Committee be discharged from further consideration of H.R. 3627 and the Senate proceed to its immediate consideration.

The PRESIDING OFFICER. Without objection, it is so ordered.

The clerk will report the bill by title. The assistant legislative clerk read as follows:

A bill (H.R. 3627) to require the Attorney General to report on State law penalties for certain child abusers, and for other purposes.

There being no objection, the Senate proceeded to consider the bill.

Mr. SCHATZ. Mr. President, I ask unanimous consent that the bill be

read a third time and passed and the motion to reconsider be considered made and laid upon the table.

The PRESIDING OFFICER. Without objection, it is so ordered.

The bill (H.R. 3627) was ordered to a third reading, was read the third time, and passed.

MEASURES READ THE FIRST TIME—H.R. 2824 AND H.R. 3826

Mr. SCHATZ. Mr. President, I understand that there are two bills at the desk, and I ask for their first reading en bloc.

The PRESIDING OFFICER. The clerk will read the bills by title for the first time.

The assistant legislative clerk read as follows:

A bill (H.R. 2824) to amend the Surface Mining Control and Reclamation Act of 1977 to stop the ongoing waste by the Department of the Interior of taxpayer resources and implement the final rule on excess spoil, mining waste, and buffers for perennial and intermittent streams, and for other purposes.

A bill (H.R. 3826) to provide direction to the Administrator of the Environmental Protection Agency regarding the establishment of standards for emissions of any greenhouse gas from fossil fuel-fired electric utility generating units, and for other purposes.

Mr. SCHATZ. Mr. President, I now ask for a second reading, and I object to my own request, all en bloc.

The PRESIDING OFFICER. Objection having been heard, the bills will be read for the second time on the next legislative day.

REMOVAL OF INJUNCTION OF SECRECY—TREATY DOCUMENT NO. 113-4

Mr. SCHATZ. Mr. President, as in executive session, I ask unanimous consent that the injunction of secrecy be removed from the following treaty transmitted to the Senate on May 7, 2014, by the President of the United States: the Protocol Amending the Tax Convention with Spain, treaty document No. 113-4.

I further ask that the treaty be considered as having been read for the first time; that it be referred, with accompanying papers, to the Committee on Foreign Relations and ordered to be printed; and that the President's message be printed in the RECORD.

The PRESIDING OFFICER. Without objection, it is so ordered.

The message of the President is as follows:

To the Senate of the United States:

I transmit herewith, for the advice and consent of the Senate to its ratification, the Protocol Amending the Convention between the United States of America and the Kingdom of Spain for the Avoidance of Double Taxation and the Prevention of Fiscal Evasion with Respect to Taxes on Income and its Protocol, signed at Madrid on February 22, 1990, and a related Memorandum of Understanding signed on