

AMENDMENT NO. _____ Calendar No. _____

Purpose: To modify a provision relating to agreements for the use and occupancy or right-of-way for public lands and National Forest System land.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. ALEXANDER

Viz:

1 On page 160, strike lines 3 through 14 and insert

2 the following:

3 (c) AGREEMENTS.—

4 (1) IN GENERAL.—The Secretary of the Inte-

5 rior, with respect to public lands (as defined in sec-

6 tion 103(e) of the Federal Land Policy and Manage-

7 ment Act (43 U.S.C. 1702(e)), and the Secretary of

8 Agriculture, with respect to National Forest System

9 land, shall provide for continuity of the existing use

10 and occupancy for the transmission of electric en-

1 ergy by any Federal department or agency granted
2 across public lands or National Forest System land.

3 (2) AGREEMENTS.—The Secretary of the Inte-
4 rior or the Secretary of Agriculture, as applicable,
5 within 30 days after receiving a request from the
6 Federal department or agency administering the
7 electric energy transmission facilities, shall, in con-
8 sultation with that department or agency, initiate
9 agreements regarding the use and occupancy or
10 right-of-way (including vegetation management
11 agreements, where applicable).

AMENDMENT NO. _____ Calendar No. _____

Purpose: To modify a provision relating to liability for activities carried out during an authorization during war or an emergency.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mrs. CAPITO

Viz:

- 1 On page 310, line 12, strike “person” and insert
- 2 “party”.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To provide for a study on the recovery and conversion of nonrecycled mixed plastics.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. CASSIDY (for himself and Mr. WYDEN)

Viz:

1 At the end of subtitle H of title III, insert the following:
2

3 **SEC. 37____. ENERGY GENERATION AND REGULATORY RELIEF STUDY REGARDING RECOVERY AND**
4 **CONVERSION OF NONRECYCLED MIXED**
5 **PLASTICS.**
6

7 (a) DEFINITIONS.—In this section:

8 (1) ENGINEERED FUEL.—The term “engineered fuel” means a solid fuel that is manufactured
9 from nonrecycled constituents of municipal solid
10 waste or other secondary materials.
11

1 (2) GASIFICATION.—The term “gasification”
2 means a process through which nonrecycled waste is
3 heated and converted to synthesis gas in an oxygen-
4 deficient atmosphere, which can be converted into
5 fuels such as ethanol or other chemical feedstocks.

6 (3) PYROLYSIS.—The term “pyrolysis” means a
7 process through which nonrecycled plastics are heat-
8 ed in the absence of oxygen until melted and ther-
9 mally decomposed, and are then cooled, condensed,
10 and converted into synthetic crude oil or refined into
11 synthetic fuels and feedstocks such as diesel or
12 naphtha.

13 (b) STUDY.—With respect to nonrecycled mixed plas-
14 tics that are part of municipal solid waste or other sec-
15 ondary materials in the United States (and are often de-
16 posited in landfills), the Secretary shall conduct a study
17 to determine the manner in which the United States can
18 make progress toward a cost-effective system (including
19 with respect to environmental issues) through which pyrol-
20 ysis, gasification, and other innovative technologies such
21 as engineered fuels are used to convert such plastics, alone
22 or in combination with other municipal solid waste or sec-
23 ondary materials, into materials that can be used to gen-
24 erate electric energy or fuels or as chemical feedstocks.

1 (c) COMPLETION OF STUDY.—Not later than 2 years
2 after the date of enactment of this Act, the Secretary shall
3 complete the study described in subsection (b) and submit
4 to the appropriate committees of Congress reports pro-
5 viding findings and recommendations developed through
6 the study.

7 (d) FUNDING.—The Secretary may use unobligated
8 funds of the Department to carry out this section.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To extend the authorization for the Department of Energy Indian energy education planning and management assistance program.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. FRANKEN

Viz:

- 1 At the appropriate place, insert the following:
- 2 **SEC. ____ . DEPARTMENT OF ENERGY INDIAN ENERGY**
- 3 **EDUCATION PLANNING AND MANAGEMENT**
- 4 **ASSISTANCE PROGRAM.**
- 5 Section 2602(b)(6) of the Energy Policy Act of 1992
- 6 (25 U.S.C. 3502(b)(6)) is amended by striking “2016”
- 7 and inserting “2020”.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To modify the definition of Federal building.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of
the United States, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. GARDNER

Viz:

- 1 On page 44, strike line 9 and insert the following:
- 2 (g) DEFINITION OF FEDERAL BUILDING.—Section
- 3 551(6) of the National Energy Conservation Policy Act
- 4 (42 U.S.C. 8259(6)) is amended by striking the semicolon
- 5 at the end and inserting “the term does not include a dam,
- 6 reservoir, or hydropower facility owned or operated by a
- 7 Federal agency;”.
- 8 (h) DEFINITION OF ENERGY SAVINGS.—Section

AMENDMENT NO. _____ Calendar No. _____

Purpose: To modify the subtitle relating to Code maintenance.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by _____

Viz:

1 At the end of subtitle H of title IV, add the following:

2 **SEC. 4723. REPEAL OF STATE UTILITY REGULATORY AS-**
 3 **SISTANCE.**

4 (a) REPEAL.—Section 207 of the Energy Conserva-
 5 tion and Production Act (42 U.S.C. 6807) is repealed.

6 (b) CONFORMING AMENDMENT.—The table of con-
 7 tents for the Energy Conservation and Production Act is
 8 amended by striking the item relating to section 207.

9 **SEC. 4724. REPEAL OF SURVEY OF ENERGY SAVING POTEN-**
 10 **TIAL.**

11 (a) REPEAL.—Section 550 of the National Energy
 12 Conservation Policy Act (42 U.S.C. 8258b) is repealed.

1 (b) CONFORMING AMENDMENTS.—

2 (1) The table of contents for the National En-
3 ergy Conservation Policy Act (Public Law 95–619;
4 92 Stat. 3206; 106 Stat. 2851) is amended by strik-
5 ing the item relating to section 550.

6 (2) Section 543(d)(2) of the National Energy
7 Conservation Policy Act (42 U.S.C. 8253(d)(2)) is
8 amended by striking “, incorporating any relevant
9 information obtained from the survey conducted pur-
10 suant to section 550”.

11 **SEC. 4725. REPEAL OF PHOTOVOLTAIC ENERGY PROGRAM.**

12 (a) REPEAL.—Part 4 of title V of the National En-
13 ergy Conservation Policy Act (42 U.S.C. 8271 et seq.) is
14 repealed.

15 (b) CONFORMING AMENDMENT.—The table of con-
16 tents for the National Energy Conservation Policy Act
17 (Public Law 95–619; 92 Stat. 3206) is amended—

18 (1) by striking the item relating to part 4 of
19 title V; and

20 (2) by striking the items relating to sections
21 561 through 569.

22 **SEC. 4726. REPEAL OF ENERGY AUDITOR TRAINING AND**
23 **CERTIFICATION.**

24 (a) REPEAL.—Subtitle F of title V of the Energy Se-
25 curity Act (42 U.S.C. 8285 et seq.) is repealed.

1 (b) CONFORMING AMENDMENT.—The table of con-
2 tents for the Energy Security Act (Public Law 96–294;
3 94 Stat. 611) is amended by striking the items relating
4 to subtitle F of title V.

5 **SEC. 4727. REPEAL OF AUTHORIZATION OF APPROPRIA-**
6 **TIONS.**

7 (a) REPEAL.—Subtitle F of title VII of the Power-
8 plant and Industrial Fuel Use Act of 1978 (42 U.S.C.
9 8461) is repealed.

10 (b) CONFORMING AMENDMENT.—The table of con-
11 tents for the Powerplant and Industrial Fuel Use Act of
12 1978 (Public Law 95–620; 92 Stat. 3289) is amended by
13 striking the item relating to subtitle F of title VII.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To include oilseed crops in a grant program.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of
the United States, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENTS intended to be proposed by

Viz:

- 1 On page 224, line 10, strike “(8)” and insert “(9)”.
- 2 On page 224, strike line 24 and insert the following:
- 3 “(8) INCLUSION OF OILSEED CROPS.—A grant
- 4 may be provided under this subsection to relevant
- 5 projects to support innovation and market develop-
- 6 ment in oilseed crops.
- 7 “(9) REPORTS.—Not later than 5 years after

AMENDMENT NO. _____ Calendar No. _____

Purpose: To require the NEWS Committee to issue a report on the potential benefits and feasibility of establishing an energy-water center of excellence within the National Laboratories.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENTS intended to be proposed by

Viz:

- 1 On page 286, line 6, strike “and” at the end.
- 2 On page 286, strike line 13 and insert the following:
- 3 entities; and
- 4 (F) not later than 1 year after the date of
- 5 enactment of this Act, issue a report on the po-
- 6 tential benefits and feasibility of establishing an
- 7 energy-water center of excellence within the Na-
- 8 tional Laboratories (as that term is defined in

2

1 section 2 of the Energy Policy Act of 2005 (42
2 U.S.C. 15801)).

AMENDMENT NO. _____ Calendar No. _____

Purpose: To revise a provision relating to net energy metering studies.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. KING

Viz:

1 Beginning on page 164, strike line 5 and all that fol-
2 lows through page 165, line 12, and insert the following:

3 **“SEC. 1841. NET ENERGY METERING STUDY.**

4 “(a) IN GENERAL.—Not later than 180 days after
5 the date of enactment of this Act, the Secretary shall—

6 “(1) issue guidance on criteria required to be
7 included in studies of net metering conducted by the
8 Department; and

9 “(2) undertake a study of net energy metering.

10 “(b) REQUIREMENTS AND CONTENTS.—The model
11 guidance issued under subsection (a) shall clarify without
12 prejudice to other study criteria that any study of net en-

1 ergy metering, including the study conducted by the De-
2 partment under subsection (a) shall—

3 “(1) be publicly available; and

4 “(2) assess benefits and costs of net energy me-
5 tering, including—

6 “(A) load data, including hourly profiles;

7 “(B) distributed generation production
8 data;

9 “(C) best available technology, including
10 inverter capability; and

11 “(D) benefits and costs of distributed en-
12 ergy deployment, including—

13 “(i) environmental benefits;

14 “(ii) changes in electric system reli-
15 ability;

16 “(iii) changes in peak power require-
17 ments;

18 “(iv) provision of ancillary services,
19 including reactive power;

20 “(v) changes in power quality;

21 “(vi) changes in land-use effects;

22 “(vii) changes in right-of-way acquisi-
23 tion costs;

24 “(viii) changes in vulnerability to ter-
25 rorism; and

1 “(ix) changes in infrastructure resil-
2 ience.”.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To repeal a provision relating to the siting of a prototype nuclear reactor and associated plant under the Next Generation Nuclear Plant Project.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by _____

Viz:

- 1 At the end of subtitle F of title III, add the following:
- 2 **SEC. 3502. NEXT GENERATION NUCLEAR PLANT PROJECT.**
- 3 Section 642(b) of the Energy Policy Act of 2005 (42
- 4 U.S.C. 16022(b)) is amended—
- 5 (1) by striking paragraph (3); and
- 6 (2) by redesignating paragraphs (4) and (5) as
- 7 paragraphs (3) and (4), respectively.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To allow grants for projects that exclude commonly recycled paper that is segregated from solid waste.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Ms. STABENOW

Viz:

- 1 At the end of subtitle H of title III, add the following:
- 2 **SEC. 3702. ELIGIBLE PROJECTS.**
- 3 Section 1703(b)(1) of the Energy Policy Act of 2005
- 4 (42 U.S.C. 16513(b)(1)) is amended by inserting “(ex-
- 5 cluding the burning of commonly recycled paper that has
- 6 been segregated from solid waste to generate electricity)”
- 7 after “systems”.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To require the Secretary of Energy to conduct a study and issue a report that quantifies the energy savings benefits of operational efficiency programs and services for commercial, institutional, industrial, and governmental entities.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Ms. WARREN

Viz:

1 At end of subtitle A of title I, add the following:

2 **SEC. 10___. STUDY AND REPORT ON ENERGY SAVINGS BEN-**

3 **EFITS OF OPERATIONAL EFFICIENCY PRO-**

4 **GRAMS AND SERVICES.**

5 (a) DEFINITION OF OPERATIONAL EFFICIENCY PRO-

6 GRAMS AND SERVICES.—In this section, the term “oper-

7 ational efficiency programs and services” means programs

8 and services that use information and communications

9 technologies (including computer hardware, energy effi-

10 ciency software, and power management tools) to operate

1 buildings and equipment in the optimum manner at the
2 optimum times.

3 (b) **STUDY AND REPORT.**—Not later than 1 year
4 after the date of enactment of this Act, the Secretary shall
5 conduct a study and issue a report that quantifies the po-
6 tential energy savings of operational efficiency programs
7 and services for commercial, institutional, industrial, and
8 governmental entities, including Federal agencies.

9 (c) **MEASUREMENT AND VERIFICATION OF ENERGY**
10 **SAVINGS.**—The report required under this section shall in-
11 clude potential methodologies or protocols for utilities,
12 utility regulators, and Federal agencies to evaluate, meas-
13 ure, and verify energy savings from operational efficiency
14 programs and services.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To modify the sections relating to technology demonstrations on the distribution system and performance metrics for electricity infrastructure providers.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

(no.) _____

To provide for the modernization of the energy policy of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENTS intended to be proposed by Mr. WYDEN

Viz:

1 On page 145, between lines 4 and 5, insert the following:
2

3 (e) PRIVACY RISK ANALYSIS.—Each demonstration
4 project conducted under subsection (a) shall include a privacy impact assessment that evaluates the project against
5 the 5 core concepts in the Voluntary Code of Conduct of
6 the Department, commonly known as the “DataGuard
7 Energy Data Privacy Program”, or the most recent revisions to the privacy program of the Department.
8
9

10 On page 153, line 23, strike “and”.

1 On page 153, between lines 23 and 24, insert the fol-
2 lowing:

3 (G) transactive energy systems; and

4 On page 153, line 24, strike “(G)” and insert “(H)”.