

114TH CONGRESS
1ST SESSION

S. 1033

To amend the Department of Energy Organization Act to replace the current requirement for a biennial energy policy plan with a Quadrennial Energy Review, and for other purposes.

IN THE SENATE OF THE UNITED STATES

APRIL 21, 2015

Mr. COONS (for himself, Mr. ALEXANDER, Mr. UDALL, Mr. WYDEN, and Mr. HEINRICH) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To amend the Department of Energy Organization Act to replace the current requirement for a biennial energy policy plan with a Quadrennial Energy Review, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Quadrennial Energy
5 Review Act of 2015”.

6 **SEC. 2. FINDINGS.**

7 Congress finds that—

1 (1) the President’s Council of Advisors on
2 Science and Technology recommends that the United
3 States develop a governmentwide Federal energy pol-
4 icy and update the policy regularly with strategic
5 Quadrennial Energy Reviews similar to the reviews
6 conducted by the Department of Defense and other
7 Federal agencies; and

8 (2) the development of an energy policy result-
9 ing from a Quadrennial Energy Review would—

10 (A) enhance the energy security of the
11 United States;

12 (B) create jobs; and

13 (C) mitigate environmental harm.

14 **SEC. 3. QUADRENNIAL ENERGY REVIEW.**

15 (a) IN GENERAL.—Section 801 of the Department of
16 Energy Organization Act (42 U.S.C. 7321) is amended
17 to read as follows:

18 **“SEC. 801. QUADRENNIAL ENERGY REVIEW.**

19 “(a) QUADRENNIAL ENERGY REVIEW TASK
20 FORCE.—

21 “(1) ESTABLISHMENT.—Once every 4 years
22 after the date of enactment of the Quadrennial En-
23 ergy Review Act of 2015, the President shall estab-
24 lish a Quadrennial Energy Review Task Force (re-

1 ferred to in this section as the ‘Task Force’) to co-
2 ordinate the Quadrennial Energy Review.

3 “(2) COCHAIRPERSONS.—The President shall
4 designate appropriate senior Federal Government of-
5 ficials to be cochairpersons of the Task Force.

6 “(3) MEMBERSHIP.—The Task Force may be
7 comprised of representatives at level I or II of the
8 Executive Schedule of—

9 “(A) the Department of Energy;

10 “(B) the Department of Commerce;

11 “(C) the Department of Defense;

12 “(D) the Department of State;

13 “(E) the Department of the Interior;

14 “(F) the Department of Agriculture;

15 “(G) the Department of the Treasury;

16 “(H) the Department of Transportation;

17 “(I) the Office of Management and Budget;

18 et;

19 “(J) the National Science Foundation;

20 “(K) the Environmental Protection Agen-

21 cy; and

22 “(L) such other Federal agencies, and en-
23 tities within the Executive Office of the Presi-
24 dent, as the President considers to be appro-
25 prium.

1 “(b) CONDUCT OF REVIEW.—

2 “(1) IN GENERAL.—Each Quadrennial Energy
3 Review shall be conducted to—

4 “(A) provide an integrated view of impor-
5 tant national energy objectives and Federal en-
6 ergy policy; and

7 “(B) identify the maximum practicable
8 alignment of research programs, incentives, reg-
9 ulations, and partnerships.

10 “(2) ELEMENTS.—A Quadrennial Energy Re-
11 view shall—

12 “(A) establish integrated, governmentwide
13 national energy objectives in the context of eco-
14 nomic, environmental, and security priorities;

15 “(B) recommend coordinated actions
16 across Federal agencies;

17 “(C) identify the resources needed for the
18 invention, adoption, and diffusion of energy
19 technologies;

20 “(D) provide a strong analytical base for
21 Federal energy policy decisions;

22 “(E) consider reasonable estimates of fu-
23 ture Federal budgetary resources when making
24 recommendations; and

1 “(F) be conducted with substantial input
2 from—

3 “(i) Congress;

4 “(ii) the energy industry;

5 “(iii) academia;

6 “(iv) State, local, and tribal govern-
7 ments;

8 “(v) nongovernmental organizations;

9 and

10 “(vi) the public.

11 “(c) SUBMISSION OF QUADRENNIAL ENERGY RE-
12 VIEW TO CONGRESS.—

13 “(1) IN GENERAL.—The President—

14 “(A) shall publish and submit to Congress
15 a report on the Quadrennial Energy Review
16 once every 4 years; and

17 “(B) more frequently than once every 4
18 years, as the President determines to be appro-
19 priate, may prepare and publish interim reports
20 as part of the Quadrennial Energy Review.

21 “(2) INCLUSIONS.—The reports described in
22 paragraph (1) shall address or consider, as appro-
23 priate—

24 “(A) an integrated view of short-term, in-
25 termediate-term, and long-term objectives for

1 Federal energy policy in the context of eco-
2 nomic, environmental, and security priorities;

3 “(B) potential executive actions (including
4 programmatic, regulatory, and fiscal actions)
5 and resource requirements—

6 “(i) to achieve the objectives described
7 in subparagraph (A); and

8 “(ii) to be coordinated across multiple
9 agencies;

10 “(C) analysis of the existing and prospec-
11 tive roles of parties (including academia, indus-
12 try, consumers, the public, and Federal agen-
13 cies) in achieving the objectives described in
14 subparagraph (A), including—

15 “(i) an analysis by energy use sector,
16 including—

17 “(I) commercial and residential
18 buildings;

19 “(II) the industrial sector;

20 “(III) transportation; and

21 “(IV) electric power;

22 “(ii) requirements for invention, adop-
23 tion, development, and diffusion of energy
24 technologies as they relate to each of the
25 energy use sectors; and

1 “(iii) other research that informs
2 strategies to incentivize desired actions;

3 “(D) assessment of policy options to in-
4 crease domestic energy supplies and energy effi-
5 ciency;

6 “(E) evaluation of national and regional
7 energy storage, transmission, and distribution
8 requirements, including requirements for renew-
9 able energy;

10 “(F) an integrated plan for the involve-
11 ment of the Federal Laboratories in energy pro-
12 grams;

13 “(G) portfolio assessments that describe
14 the optimal deployment of resources, including
15 prioritizing financial resources for energy-rel-
16 evant programs;

17 “(H) mapping of the linkages among basic
18 research and applied programs, demonstration
19 programs, and other innovation mechanisms
20 across the Federal agencies;

21 “(I) identification of, and projections for,
22 demonstration projects, including timeframes,
23 milestones, sources of funding, and manage-
24 ment;

1 “(J) identification of public and private
2 funding needs for various energy technologies,
3 systems, and infrastructure, including consider-
4 ation of public-private partnerships, loans, and
5 loan guarantees;

6 “(K) assessment of global competitors and
7 an identification of programs that can be en-
8 hanced with international cooperation;

9 “(L) identification of policy gaps that need
10 to be filled to accelerate the adoption and diffu-
11 sion of energy technologies, including consider-
12 ation of—

13 “(i) Federal tax policies; and

14 “(ii) the role of Federal agencies as
15 early adopters and purchasers of new en-
16 ergy technologies;

17 “(M) priority listing for implementation of
18 objectives and actions taking into account esti-
19 mated Federal budgetary resources;

20 “(N) analysis of—

21 “(i) points of maximum leverage for
22 policy intervention to achieve outcomes;
23 and

1 “(ii) areas of energy policy that can
2 be most effective in meeting national goals
3 for the energy sector; and

4 “(O) recommendations for executive
5 branch organization changes to facilitate the
6 development and implementation of Federal en-
7 ergy policies.

8 “(d) REPORT DEVELOPMENT.—The Secretary of En-
9 ergy shall provide such support for the Quadrennial En-
10 ergy Review with the necessary analytical, financial, and
11 administrative support for the conduct of each Quadren-
12 nial Energy Review required under this section as may
13 be requested by the cochairpersons designated under sub-
14 section (a)(2).

15 “(e) COOPERATION.—The heads of applicable Fed-
16 eral agencies shall cooperate with the Secretary and pro-
17 vide such assistance, information, and resources as the
18 Secretary may require to assist in carrying out this sec-
19 tion.”.

20 (b) TABLE OF CONTENTS AMENDMENT.—The item
21 relating to section 801 in the table of contents of such
22 Act is amended to read as follows:

 “Sec. 801. Quadrennial Energy Review.”.

23 (c) ADMINISTRATION.—Nothing in this Act or an
24 amendment made by this Act supersedes, modifies,
25 amends, or repeals any provision of Federal law not ex-

1 pressly superseded, modified, amended, or repealed by this
2 Act.

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