

114TH CONGRESS
1ST SESSION

S. _____

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

Mr. COONS (for himself, Mr. ALEXANDER, _____) introduced the following bill; which was read twice and referred to the Committee on _____

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 Budg-

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 priate.

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.