

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.

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## 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

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## 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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