

113TH CONGRESS  
1ST SESSION

# S. 552

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

MARCH 13, 2013

Mr. PRYOR (for himself, Mr. ALEXANDER, Mr. BEGICH, Mr. BOOZMAN, Mr. COONS, Mr. HEINRICH, Mr. TESTER, Mr. UDALL of New Mexico, and Mr. WYDEN) 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 2013”.

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 Government wide Federal energy  
4 policy and update the policy regularly with strategic  
5 Quadrennial Energy Reviews similar to the reviews  
6 conducted by the Department of Defense;

7           (2) as the lead agency in support of energy  
8 science and technology innovation, the Department  
9 of Energy has conducted a Quadrennial Technology  
10 Review of the energy technology policies and pro-  
11 grams of the Department;

12           (3) the Quadrennial Technology Review of the  
13 Department of Energy serves as the basis for coordi-  
14 nation with other agencies and on other programs  
15 for which the Department has a key role;

16           (4) a Quadrennial Energy Review would—

17           (A) establish integrated, Government wide  
18 national energy objectives in the context of eco-  
19 nomic, environmental, and security priorities;

20           (B) coordinate actions across Federal  
21 agencies;

22           (C) identify the resources needed for the  
23 invention, adoption, and diffusion of energy  
24 technologies; and

1 (D) provide a strong analytical base for  
2 Federal energy policy decisions;

3 (5) a Quadrennial Energy Review should be es-  
4 tablished taking into account estimated Federal  
5 budgetary resources;

6 (6) the development of an energy policy result-  
7 ing from a Quadrennial Energy Review would—

8 (A) enhance the energy security of the  
9 United States;

10 (B) create jobs; and

11 (C) mitigate environmental harm; and

12 (7) while a Quadrennial Energy Review will be  
13 a product of the executive branch, the review will  
14 have substantial input from—

15 (A) Congress;

16 (B) the energy industry;

17 (C) academia;

18 (D) nongovernmental organizations; and

19 (E) the public.

20 **SEC. 3. QUADRENNIAL ENERGY REVIEW.**

21 Section 801 of the Department of Energy Organiza-  
22 tion Act (42 U.S.C. 7321) is amended to read as follows:

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

24 **“(a) DEFINITIONS.—**In this section:

1           “(1) DIRECTOR.—The term ‘Director’ means  
2 the Director of the Office of Science and Technology  
3 Policy within the Executive Office of the President.

4           “(2) FEDERAL LABORATORY.—

5                 “(A) IN GENERAL.—The term ‘Federal  
6 Laboratory’ has the meaning given the term  
7 ‘laboratory’ in section 12(d) of the Stevenson-  
8 Wydler Technology Innovation Act of 1980 (15  
9 U.S.C. 3710a(d)).

10               “(B) INCLUSION.—The term ‘Federal Lab-  
11 oratory’ includes a federally funded research  
12 and development center sponsored by a Federal  
13 agency.

14           “(3) INTERAGENCY ENERGY COORDINATION  
15 COUNCIL.—The term ‘interagency energy coordina-  
16 tion council’ means a council established under sub-  
17 section (b)(1).

18           “(4) QUADRENNIAL ENERGY REVIEW.—The  
19 term ‘Quadrennial Energy Review’ means a com-  
20 prehensive multiyear review, coordinated across Fed-  
21 eral agencies, that—

22                 “(A) covers all energy programs and tech-  
23 nologies;

24                 “(B) establishes energy objectives across  
25 the Federal Government; and

1           “(C) covers each of the areas described in  
2           subsection (d)(2).

3           “(b) INTERAGENCY ENERGY COORDINATION COUN-  
4           CIL.—

5           “(1) ESTABLISHMENT.—Beginning on October  
6           1, 2013, and every 4 years thereafter, the President  
7           shall establish an interagency energy coordination  
8           council to coordinate the Quadrennial Energy Re-  
9           view.

10           “(2) CO-CHAIRPERSONS.—The Secretary and  
11           the Director shall be co-chairpersons of the inter-  
12           agency energy coordination council.

13           “(3) MEMBERSHIP.—The interagency energy  
14           coordination council shall be comprised of represent-  
15           atives at level I or II of the Executive Schedule of—

16                   “(A) the Department of Commerce;

17                   “(B) the Department of Defense;

18                   “(C) the Department of State;

19                   “(D) the Department of the Interior;

20                   “(E) the Department of Agriculture;

21                   “(F) the Department of the Treasury;

22                   “(G) the Department of Transportation;

23                   “(H) the Office of Management and Budg-

24                   et;

25                   “(I) the National Science Foundation;

1                   “(J) the Environmental Protection Agency;  
2                   and

3                   “(K) such other Federal organizations, de-  
4                   partments, and agencies that the President con-  
5                   siders to be appropriate.

6           “(c) CONDUCT OF REVIEW.—Each Quadrennial En-  
7   ergy Review shall be conducted to provide an integrated  
8   view of national energy objectives and Federal energy pol-  
9   icy, including the maximum practicable alignment of re-  
10   search programs, incentives, regulations, and partner-  
11   ships.

12           “(d) SUBMISSION OF QUADRENNIAL ENERGY RE-  
13   VIEW TO CONGRESS.—

14                   “(1) IN GENERAL.—Not later than August 1,  
15                   2015, and every 4 years thereafter, the Secretary, in  
16                   cooperation with the Director, shall publish and sub-  
17                   mit to Congress a report on the Quadrennial Energy  
18                   Review.

19                   “(2) INCLUSIONS.—The report described in  
20                   paragraph (1) shall include, at a minimum—

21                           “(A) an integrated view of short-, inter-  
22                           mediate-, and long-term objectives for Federal  
23                           energy policy in the context of economic, envi-  
24                           ronmental, and security priorities;

1           “(B) anticipated Federal actions (including  
2           programmatic, regulatory, and fiscal actions)  
3           and resource requirements—

4                   “(i) to achieve the objectives described  
5                   in subparagraph (A); and

6                   “(ii) to be coordinated across multiple  
7                   agencies;

8           “(C) an analysis of the prospective roles of  
9           parties (including academia, industry, con-  
10          sumers, the public, and Federal agencies) in  
11          achieving the objectives described in subpara-  
12          graph (A), including—

13                   “(i) an analysis, by energy use sector,  
14                   including—

15                           “(I) commercial and residential  
16                           buildings;

17                           “(II) the industrial sector;

18                           “(III) transportation; and

19                           “(IV) electric power;

20                   “(ii) requirements for invention, adop-  
21                   tion, development, and diffusion of energy  
22                   technologies that are mapped onto each of  
23                   the energy use sectors; and

24                   “(iii) other research that inform strat-  
25                   egies to incentivize desired actions;

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

4           “(E) an evaluation of energy storage,  
5           transmission, and distribution requirements, in-  
6           cluding requirements for renewable energy;

7           “(F) an integrated plan for the involve-  
8           ment of the Federal Laboratories in energy pro-  
9           grams;

10          “(G) portfolio assessments that describe  
11          the optimal deployment of resources, including  
12          prioritizing financial resources for energy pro-  
13          grams;

14          “(H) a mapping of the linkages among  
15          basic research and applied programs, dem-  
16          onstration programs, and other innovation  
17          mechanisms across the Federal agencies;

18          “(I) an identification of, and projections  
19          for, demonstration projects, including time-  
20          frames, milestones, sources of funding, and  
21          management;

22          “(J) an identification of public and private  
23          funding needs for various energy technologies,  
24          systems, and infrastructure, including consider-



1           ation of public-private partnerships, loans, and  
2           loan guarantees;

3           “(K) an assessment of global competitors  
4           and an identification of programs that can be  
5           enhanced with international cooperation;

6           “(L) an identification of policy gaps that  
7           need to be filled to accelerate the adoption and  
8           diffusion of energy technologies, including con-  
9           sideration of—

10                   “(i) Federal tax policies; and

11                   “(ii) the role of Federal agencies as  
12                   early adopters and purchasers of new en-  
13                   ergy technologies;

14           “(M) a priority list for implementation of  
15           objectives and actions taking into account esti-  
16           mated Federal budgetary resources;

17           “(N) an analysis of—

18                   “(i) points of maximum leverage for  
19                   policy intervention to achieve outcomes;  
20                   and

21                   “(ii) areas of energy policy that can  
22                   be most effective in meeting national goals  
23                   for the energy sector; and

24           “(O) recommendations for executive  
25           branch organization changes to facilitate the

1 development and implementation of Federal en-  
2 ergy policies.

3 “(e) EXECUTIVE SECRETARIAT.—

4 “(1) IN GENERAL.—The Secretary shall provide  
5 the Executive Secretariat with the necessary analyt-  
6 ical, financial, and administrative support for the  
7 conduct of each Quadrennial Energy Review re-  
8 quired under this section.

9 “(2) COOPERATION.—The heads of applicable  
10 Federal agencies shall cooperate with the Secretary  
11 and provide such assistance, information, and re-  
12 sources as the Secretary may require to assist in  
13 carrying out this section.”.

14 **SEC. 4. ADMINISTRATION.**

15 Nothing in the Act or an amendment made by this  
16 Act supersedes, modifies, amends, or repeals any provision  
17 of Federal law not expressly superseded, modified, amend-  
18 ed, or repealed by this Act.

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