

113TH CONGRESS  
1ST SESSION

# S. 1491

To amend the Energy Independence and Security Act of 2007 to improve United States-Israel energy cooperation, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

SEPTEMBER 10, 2013

Ms. LANDRIEU (for herself, Mr. WYDEN, and Ms. MURKOWSKI) 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 Energy Independence and Security Act of 2007 to improve United States-Israel energy cooperation, 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. UNITED STATES-ISRAEL ENERGY COOPERA-**  
4 **TION.**

5 (a) FINDINGS.—Section 917(a) of the Energy Inde-  
6 pendence and Security Act of 2007 (42 U.S.C. 17337(a))  
7 is amended—

8 (1) in paragraph (1), by striking “renewable”  
9 and inserting “covered”;

1 (2) in paragraph (4)—

2 (A) by striking “possible many” and in-  
3 serting “possible—

4 “(A) many”;

5 (B) by inserting “and” after the semicolon  
6 at the end; and

7 (C) by adding at the end the following:

8 “(B) significant contributions to the devel-  
9 opment of renewable energy and energy effi-  
10 ciency through the established programs of the  
11 United States-Israel Binational Industrial Re-  
12 search and Development Foundation and the  
13 United States-Israel Binational Science Foun-  
14 dation;”;

15 (3) in paragraph (6)—

16 (A) by striking “renewable” and inserting  
17 “covered”; and

18 (B) by striking “and” after the semicolon  
19 at the end;

20 (4) in paragraph (7)—

21 (A) by striking “renewable” and inserting  
22 “covered”; and

23 (B) by striking the period at the end and  
24 inserting a semicolon; and

25 (5) by adding at the end the following:

1           “(8) United States-Israel energy cooperation,  
2           and the development of natural resources by Israel,  
3           are strategic interests of the United States;

4           “(9) Israel is a strategic partner of the United  
5           States in water technology;

6           “(10) the United States can play a role in as-  
7           sisting Israel with regional safety and security  
8           issues;

9           “(11) the National Science Foundation of the  
10          United States should collaborate with the Israel  
11          Science Foundation;

12          “(12) the United States and Israel should strive  
13          to develop more robust academic cooperation in en-  
14          ergy innovation technology and engineering, water  
15          science, technology transfer, and analysis of geo-  
16          political implications of new natural resource devel-  
17          opment and associated areas;

18          “(13) the United States supports the goals of  
19          the Alternative Fuels Administration of Israel;

20          “(14) the United States strongly urges open  
21          dialogue and continued mechanisms for regular en-  
22          gagement and encourages further cooperation be-  
23          tween applicable departments, agencies, ministries,  
24          institutions of higher education, and the private sec-

1       tor of the United States and Israel on energy secu-  
2       rity issues, including—

3               “(A) identifying policy priorities associated  
4               with the development of natural resources of  
5               Israel;

6               “(B) discussing best practices to secure  
7               cyber energy infrastructure;

8               “(C) best practice sharing;

9               “(D) leveraging natural gas to positively  
10              impact regional stability;

11              “(E) improving energy efficiency and the  
12              overall performance of water technologies  
13              through research and development in water de-  
14              salination, wastewater treatment and reclama-  
15              tion, and other water treatment refiners;

16              “(F) technical and environmental manage-  
17              ment of deep-water exploration and production;

18              “(G) coastal protection and restoration;

19              “(H) academic outreach and engagement;

20              “(I) private sector and business develop-  
21              ment engagement;

22              “(J) regulatory consultations;

23              “(K) leveraging alternative transportation  
24              fuels and technologies; and

1           “(L) any other areas determined appro-  
2           priate by United States and Israel; and

3           “(15) the United States acknowledges the  
4           achievements and importance of the Binational In-  
5           dustrial Research and Development Foundation  
6           (BIRD) and the United States-Israel Binational  
7           Science Foundation (BSF) and supports continued  
8           multiyear funding to ensure the continuity of the  
9           programs of the Foundations.”.

10       (b) TYPES OF ENERGY.—Section 917(b)(2) of the  
11       Energy Independence and Security Act of 2007 (42  
12       U.S.C. 17337(b)(2)) is amended—

13           (1) in subparagraph (F), by striking “and”  
14           after the semicolon at the end;

15           (2) in subparagraph (G), by striking the period  
16           at the end and inserting a semicolon; and

17           (3) by adding at the end the following:

18           “(H) natural gas energy, including natural  
19           gas projects conducted by or in conjunction  
20           with the United States-Israel Binational  
21           Science Foundation;

22           “(I) improvement of energy efficiency and  
23           the overall performance of water technologies  
24           through research and development in water de-

1 salination, wastewater treatment and reclama-  
2 tion, and other water treatment refiners; and

3 “(J) conventional and unconventional oil  
4 and gas technologies.”.

5 (c) ELIGIBLE APPLICANTS.—Section 917(b)(3) of  
6 the Energy Independence and Security Act of 2007 (42  
7 U.S.C. 17337(b)(3)) is amended by striking “energy effi-  
8 ciency or renewable” and inserting “covered”.

9 (d) AUTHORIZATION OF APPROPRIATIONS; INTER-  
10 NATIONAL PARTNERSHIPS.—Section 917 of the Energy  
11 Independence and Security Act of 2007 (42 U.S.C.  
12 17337) is amended—

13 (1) by striking subsection (d);

14 (2) by redesignating subsection (c) as sub-  
15 section (e); and

16 (3) by inserting after subsection (b) the fol-  
17 lowing:

18 “(c) INTERNATIONAL PARTNERSHIPS.—

19 “(1) IN GENERAL.—The Secretary may, subject  
20 to appropriations, enter into cooperative agreements  
21 supporting and enhancing dialogue and planning in-  
22 volving international partnerships between the De-  
23 partment, including National Laboratories of the  
24 Department, and the Government of Israel and its  
25 ministries, offices, and institutions.

1           “(2) FEDERAL SHARE.—The Secretary may not  
2           pay more than 50 percent of Federal share of the  
3           costs described in paragraph (1).

4           “(3) ANNUAL REPORTS.—The Secretary may  
5           submit to the appropriate committees of Congress  
6           an annual report that describes—

7                   “(A) actions taken to carry out this sub-  
8                   section; and

9                   “(B) any projects under this subsection for  
10                  which the Secretary requests funding.

11          “(d) UNITED STATES-ISRAEL CENTER.—The Sec-  
12          retary may establish a joint United States-Israel Center  
13          based in an area of the United States with the experience,  
14          knowledge, and expertise in offshore energy development  
15          to further dialogue and collaboration to develop more ro-  
16          bust academic cooperation in energy innovation technology  
17          and engineering, water science, technology transfer, and  
18          analysis of geopolitical implications of new natural re-  
19          source development and associated areas.”.

20          (e) TERMINATION.—Subsection (e) of section 917 of  
21          the Energy Independence and Security Act of 2007 (42  
22          U.S.C. 17337) (as redesignated by subsection (d)(2)) is  
23          amended by striking “the date that is 7 years after the

1 date of enactment of this Act” and inserting “September  
2 30, 2024”.

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