

Calendar No. 278113TH 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.

IN THE SENATE OF THE UNITED STATES

SEPTEMBER 10, 2013

Ms. LANDRIEU (for herself, Mr. WYDEN, Ms. MURKOWSKI, and Mr. HEINRICH) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

DECEMBER 19, 2013

Reported by Mr. WYDEN, with amendments

[Insert the part printed in italic]

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,*

1 **SECTION 1. UNITED STATES-ISRAEL ENERGY COOPERA-**
2 **TION.**

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

6 (1) in paragraph (1), by striking “renewable”
7 and inserting “covered”;

8 (2) in paragraph (4)—

9 (A) by striking “possible many” and in-
10 serting “possible—

11 “(A) many”;

12 (B) by inserting “and” after the semicolon
13 at the end; and

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

15 “(B) significant contributions to the devel-
16 opment of renewable energy and energy effi-
17 ciency through the established programs of the
18 United States-Israel Binational Industrial Re-
19 search and Development Foundation and the
20 United States-Israel Binational Science Foun-
21 dation;”;

22 (3) in paragraph (6)—

23 (A) by striking “renewable” and inserting
24 “covered”; and

25 (B) by striking “and” after the semicolon
26 at the end;

1 (4) in paragraph (7)—

2 (A) by striking “renewable” and inserting
3 “covered”; and

4 (B) by striking the period at the end and
5 inserting a semicolon; and

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

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

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

12 “(10) the United States can play a role in as-
13 sisting Israel with regional safety and security
14 issues;

15 “(11) the National Science Foundation of the
16 United States should collaborate with the Israel
17 Science Foundation *and the United States-Israel Bi-*
18 *national Science Foundation*;

19 “(12) the United States and Israel should strive
20 to develop more robust academic cooperation in en-
21 ergy innovation technology and engineering, water
22 science, technology transfer, and analysis of geo-
23 political implications of new natural resource devel-
24 opment and associated areas;

1 “(13) the United States supports the goals of
2 the Alternative Fuels Administration of Israel;

3 “(14) the United States strongly urges open
4 dialogue and continued mechanisms for regular en-
5 gagement and encourages further cooperation be-
6 tween applicable departments, agencies, ministries,
7 institutions of higher education, and the private sec-
8 tor of the United States and Israel on energy secu-
9 rity issues, including—

10 “(A) identifying policy priorities associated
11 with the development of natural resources of
12 Israel;

13 “(B) discussing best practices to secure
14 cyber energy infrastructure;

15 “(C) best practice sharing;

16 “(D) leveraging natural gas to positively
17 impact regional stability;

18 “(E) *issues relating to the energy-water*
19 *nexus, including* improving energy efficiency
20 and the overall performance of water tech-
21 nologies through research and development in
22 water desalination, wastewater treatment and
23 reclamation, *water treatment in gas and oil pro-*
24 *duction processes*, and other water treatment re-
25 finers;

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

3 “(G) coastal protection and restoration;

4 “(H) academic outreach and engagement;

5 “(I) private sector and business develop-
6 ment engagement;

7 “(J) regulatory consultations;

8 “(K) leveraging alternative transportation
9 fuels and technologies; and

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

12 “(15) the United States acknowledges the
13 achievements and importance of the Binational In-
14 dustrial Research and Development Foundation
15 (BIRD) and the United States-Israel Binational
16 Science Foundation (BSF) and supports continued
17 multiyear funding to ensure the continuity of the
18 programs of the Foundations.”.

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

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

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

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

2 “(H) natural gas energy, including natural
3 gas projects conducted by or in conjunction
4 with the United States-Israel Binational
5 Science Foundation *and the United States-Israel*
6 *Binational Industrial Research and Development*
7 *Foundation*;

8 “(I) improvement of energy efficiency and
9 the overall performance of water technologies
10 through research and development in water de-
11 salination, wastewater treatment and reclama-
12 tion, and other water treatment refiners; and

13 “(J) conventional and unconventional oil
14 and gas technologies.”.

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

19 (d) AUTHORIZATION OF APPROPRIATIONS; INTER-
20 NATIONAL PARTNERSHIPS.—Section 917 of the Energy
21 Independence and Security Act of 2007 (42 U.S.C.
22 17337) is amended—

23 (1) by striking subsection (d);

24 (2) by redesignating subsection (c) as sub-
25 section (e); and

1 (3) by inserting after subsection (b) the fol-
2 lowing:

3 “(c) INTERNATIONAL PARTNERSHIPS.—

4 “(1) IN GENERAL.—The Secretary may, subject
5 to appropriations, enter into cooperative agreements
6 supporting and enhancing dialogue and planning in-
7 volving international partnerships between the De-
8 partment, including National Laboratories of the
9 Department, and the Government of Israel and its
10 ministries, offices, and institutions.

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

14 “(3) ANNUAL REPORTS.—The Secretary may
15 submit to the appropriate committees of Congress
16 an annual report that describes—

17 “(A) actions taken to carry out this sub-
18 section; and

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

21 “(d) UNITED STATES-ISRAEL CENTER.—The Sec-
22 retary may establish a joint United States-Israel Center
23 based in an area of the United States with the experience,
24 knowledge, and expertise in offshore energy development
25 to further dialogue and collaboration to develop more ro-

1 bust academic cooperation in energy innovation technology
2 and engineering, water science, technology transfer, and
3 analysis of geopolitical implications of new natural re-
4 source development and associated areas.”.

5 (e) TERMINATION.—Subsection (e) of section 917 of
6 the Energy Independence and Security Act of 2007 (42
7 U.S.C. 17337) (as redesignated by subsection (d)(2)) is
8 amended by striking “the date that is 7 years after the
9 date of enactment of this Act” and inserting “September
10 30, 2024”.

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