

111TH CONGRESS
1ST SESSION

S. 840

To establish a Development and Commercialization Committee on Clean and Efficient Energy Technologies within the Asia-Pacific Partnership on Clean Development and Climate Program Office, and for other purposes.

IN THE SENATE OF THE UNITED STATES

APRIL 21, 2009

Mr. VOINOVICH (for himself, Mr. PRYOR, Ms. MURKOWSKI, Mr. BAYH, Mr. BOND, Mr. DORGAN, Mr. MARTINEZ, Ms. CANTWELL, and Mr. BURR) introduced the following bill; which was read twice and referred to the Committee on Foreign Relations

A BILL

To establish a Development and Commercialization Committee on Clean and Efficient Energy Technologies within the Asia-Pacific Partnership on Clean Development and Climate Program Office, 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 “International Clean
5 Energy Development Act of 2009”.

6 **SEC. 2. DEFINITIONS.**

7 In this Act:

1 (1) ASIA-PACIFIC PARTNERSHIP; PARTNER-
2 SHIP.—The terms “Asia-Pacific Partnership” and
3 “Partnership” mean the Asia-Pacific Partnership on
4 Clean Development and Climate (or any successor
5 thereto).

6 (2) APPROPRIATE CONGRESSIONAL COMMIT-
7 TEES.—The term “appropriate congressional com-
8 mittees” means—

9 (A) the Committee on Foreign Relations,
10 the Committee on Energy and Natural Re-
11 sources, the Committee on Environment and
12 Public Works, and the Committee on Com-
13 merce, Science, and Transportation of the Sen-
14 ate; and

15 (B) the Committee on Foreign Affairs, the
16 Committee on Energy and Commerce, the Com-
17 mittee on Natural Resources, and the Select
18 Committee on Energy Independence and Global
19 Warming of the House of Representatives.

20 (3) CLEAN AND EFFICIENT ENERGY TECH-
21 NOLOGIES.—The term “clean and efficient energy
22 technology” means an energy supply or end-use
23 technology that, compared to a similar technology al-
24 ready in widespread commercial use in a country,
25 will—

1 (A) reduce emissions of greenhouse gases;

2 (B) increase efficiency of energy produc-

3 tion, transmission, distribution, or end-use; or

4 (C) decrease intensity of energy usage.

5 (4) GREENHOUSE GAS.—The term “greenhouse
6 gas” means—

7 (A) carbon dioxide;

8 (B) methane;

9 (C) nitrous oxide;

10 (D) hydrofluorocarbons;

11 (E) perfluorocarbons; or

12 (F) sulfur hexafluoride.

13 (5) PARTNERSHIP TASK FORCES.—The term
14 “Partnership Task Forces” means the task forces
15 established under the Asia-Pacific Partnership.

16 (6) PROGRAM OFFICE.—The term “Program
17 Office” means the Asia-Pacific Partnership on Clean
18 Development and Climate Program Office of the De-
19 partment of State (or any successor thereto).

20 **SEC. 3. ESTABLISHMENT OF DEVELOPMENT AND COMMER-**
21 **CIALIZATION COMMITTEE ON CLEAN AND EF-**
22 **FICIENT ENERGY TECHNOLOGIES.**

23 (a) IN GENERAL.—

24 (1) ESTABLISHMENT.—The Secretary of State
25 shall establish a Development and Commercialization

1 Committee on Clean and Efficient Energy Tech-
2 nologies (in this Act referred to as the “Com-
3 mittee”) within the Program Office.

4 (2) COMPOSITION.—The Committee established
5 pursuant to paragraph (1) shall be comprised of—

6 (A) technical and policy experts from each
7 of the Partnership Task Forces; and

8 (B) experts from—

9 (i) the Department of State;

10 (ii) the Department of Energy;

11 (iii) the Department of Commerce;

12 (iv) the Department of the Treasury;

13 (v) the Environmental Protection
14 Agency;

15 (vi) the United States Agency for
16 International Development;

17 (vii) the United States Trade and De-
18 velopment Agency;

19 (viii) the Office of Science and Tech-
20 nology Policy;

21 (ix) the Council on Environmental
22 Quality; and

23 (x) other Federal departments and
24 agencies, as the Secretary of State deter-
25 mines necessary.

1 (3) CHAIRPERSON.—The Secretary of State
2 shall designate a Chairperson or co-Chairpersons of
3 the Committee from among employees of the De-
4 partment of State.

5 (4) DUTIES.—The Committee shall—

6 (A) review and evaluate available sources
7 of information on clean and efficient energy
8 technologies, including any action plans devel-
9 oped by the Partnership;

10 (B) identify and prioritize projects with re-
11 spect to the development and commercialization
12 of clean and efficient energy technologies by the
13 Partnership;

14 (C) plan and carry out projects described
15 in subparagraph (B) through established proto-
16 cols of the Program Office and the Partnership;

17 (D) in carrying out such projects, require
18 that a share of the cost of each such project,
19 to be determined by the Secretary of State, be
20 paid by project participants; and

21 (E) report regularly to the appropriate
22 congressional committees on the progress and
23 projects of the Committee with respect to the
24 development and commercialization of clean and
25 efficient energy technologies.

1 (b) STRATEGY.—

2 (1) IN GENERAL.—Not later than 180 days
3 after the date of the enactment of this Act, the Sec-
4 retary of State shall submit to the appropriate con-
5 gressional committees a report that details a strat-
6 egy to—

7 (A) facilitate collaboration among the na-
8 tional laboratories, educational institutions, pri-
9 vate sectors, local and national policymakers,
10 and other technical and policy experts of the
11 members of the Partnership with respect to de-
12 veloping and commercializing clean and efficient
13 energy technologies;

14 (B) develop and commercialize clean and
15 efficient energy technologies, particularly
16 through projects identified under subsection
17 (a)(4)(B) related to renewable energy and dis-
18 tributed generation, power generation and
19 transmission, or cleaner fossil energy;

20 (C) develop the capacity of members of the
21 Partnership to accept and utilize clean and effi-
22 cient energy technologies, particularly such
23 technologies developed or commercialized
24 through projects described in subparagraph
25 (B);

(D) encourage the utilization of clean and efficient energy technologies developed or commercialized through projects described in subparagraph (B) in, and the transfer of such technologies to, countries that are not members of the Partnership; and

(E) continue to require that project participants match funding provided by the United States dollar-for-dollar in order to increase the value of the projects for participants and for taxpayers in the United States.

SEC. 4. REPORT BY THE SECRETARY OF STATE.

(a) IN GENERAL.—Not later than 1 year after the establishment of the Committee under section 3(a)(1), and annually thereafter, the Secretary of State shall transmit to the appropriate congressional committees a report on the implementation of this Act during the preceding year.

(b) CONTENTS.—The report required under subsection (a) shall include the following:

(1) A description of the results of projects and activities carried out under this Act, including a description of—

(A) the actions taken by the Committee to carry out the duties required under section 3(a)(4);

1 (B) the review and evaluation of sources of
2 information on clean and efficient energy tech-
3 nologies required under section 3(a)(4)(A); and

4 (C) the actions taken by the Committee to
5 advance projects identified as priorities under
6 section 3(a)(4)(B).

7 (2) An identification and description of prior-
8 ities for promoting the development and commer-
9 cialization of clean and efficient energy technologies
10 and strategies for promoting such technologies with-
11 in the countries that are members of the Asia-Pa-
12 cific Partnership on Clean Development and Cli-
13 mate, taking into account the economic and security
14 interests of the United States.

15 (3) An assessment of the integration of rep-
16 resentatives of the private sector and other inter-
17 ested groups in the development and commercializa-
18 tion of clean and efficient energy technologies.

19 (4) Recommendations for the heads of appro-
20 priate Federal departments and agencies with re-
21 spect to methods to streamline Federal programs
22 and policies to improve the role of those Federal de-
23 partments and agencies in the development and com-
24 mercialization of clean and efficient energy tech-
25 nologies on an international basis.

1 **SEC. 5. AUTHORIZATION OF APPROPRIATIONS.**

2 There are authorized to be appropriated to the Sec-
3 retary of State to carry out this Act \$200,000,000 for
4 each of the fiscal years 2010 through 2014.

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