

33 revised

**AMENDMENT TO H.R. 3585, AS REPORTED
OFFERED BY MR. GORDON OF TENNESSEE**

Page 4, line 21, amend paragraph (1) to read as follows:

- 1 (1) photovoltaics and related electronic compo-
2 nents, including inverters, charge controllers, and
3 energy monitors;

Page 5, line 16, insert "Federally-Funded Research and Development Centers," after "national laboratories,".

Page 6, lines 9 through 12, amend subsection (e) to read as follows:

- 4 (e) LIMITATION.—The Department of Energy shall
5 provide awards to projects for research, development, and
6 demonstration of solar technologies and solar manufac-
7 turing in the United States.

Page 8, line 9, strike "and".

Page 8, line 11, insert "and" after the semicolon.

Page 8, after line 11, insert the following new clause:

1 (v) the technologies used to condition
2 solar energy, including inverters, DC/DC
3 converters, and battery chargers;

Page 8, line 21, strike “; and” and insert a semi-
colon.

Page 8, line 22, redesignate subparagraph (H) as
subparagraph (I).

Page 8, after line 21, insert the following new sub-
paragraph:

4 (H) ways to reduce regional disparity in
5 the use of solar technologies; and

Page 9, line 8, strike “and”.

Page 9, line 11, strike the semicolon and insert “;
and”.

Page 9, after line 11, insert the following new sub-
paragraph:

6 (E) improving the cost effectiveness and
7 quality control of domestic manufacturing of
8 implements and devices used in the production
9 of solar energy;

Page 9, lines 12 and 15, redesignate paragraphs (4)
and (5) as paragraphs (5) and (6), respectively.

Page 9, after line 11, insert the following new paragraph:

1 (4) identify best practices for Department of
2 Energy national laboratories in their collaborations
3 with institutions of higher education and private in-
4 dustry to more efficiently and effectively bring new
5 solar technologies to the marketplace;

Page 10, after line 3, insert the following new subsection:

6 (d) CONSULTATION.—The Solar Roadmap Com-
7 mittee shall consult with the Department of the Interior,
8 the National Park Service, the Department of Defense,
9 and the General Services Administration on the potential
10 for solar demonstration projects on Federal lands.

Page 10, line 15, insert “, solar applications developers,” after “including manufacturers”.

Page 12, after line 21, insert the following new paragraph:

11 (7) GEOGRAPHIC DISTRIBUTION.—The Sec-
12 retary shall consider individuals that represent di-
13 verse geographic regions of the United States for
14 membership of the Committee.

Page 13, line 3, insert “, applications,” after “solar technologies”.

Page 13, line 16, redesignate subsection (e) as subsection (f).

Page 13, after line 15, insert the following new subsection:

1 (e) **LIMITATION.**—The Committee shall provide guid-
2 ance on technological goals and activities but, consistent
3 with requirements for the selection of recipients of funding
4 on a merit-reviewed, competitive basis under section
5 101(b), shall not recommend or select specific recipients
6 of funds.

Page 14, lines 17 and 18, amend subparagraph (A) to read as follows:

7 (A) are located in geographically dispersed
8 regions of the country and are not concentrated
9 in any single geographical region of country;

Page 15, line 10, insert “, as well as promote accessibility and community implementation of demonstrated technologies,” after “energy costs”.

Page 16, lines 3 and 4, amend paragraph (5) to read as follows:

- 1 (5) operation for a minimum of 3 years, using
2 a monitoring methodology approved by Secretary;
3 and

Page 16, after line 19, insert the following new sub-section:

- 4 (f) ORGANIC PHOTOVOLTAIC CELL TECH-
5 NOLOGIES.—At least 1 demonstration project awarded
6 under this section during fiscal year 2011 shall be for the
7 demonstration of organic photovoltaic cell technologies.

Page 17, line 17, strike “; and” and insert a semicolon.

Page 17, line 21, strike the period and insert “; and”.

Page 17, after line 21, insert the following new paragraph:

- 8 (6) assessment of current financing models
9 available to consumers used to offset high upfront
10 costs by accounting for the long term economic bene-
11 fits of solar energy.

Page 18, line 5, and page 19, lines 18 and 22, redesignate sections 107 through 109 as sections 108 through 110, respectively.

Page 18, after line 4, insert the following new section:

1 **SEC. 107. REPORT.**

2 Not later than 180 days after the date of enactment
3 of this Act, the Secretary shall commence a study evalu-
4 ating potential applications of micro power stations using
5 solar power technology in underserved communities lack-
6 ing in basic electric or traditional power infrastructure,
7 and make recommendations to Congress for increasing ac-
8 cess to and implementation of solar energy technology in
9 such underserved communities.

Page 20, after line 9, insert the following new section:

10 **SEC. 111. SOLAR TECHNOLOGY EQUIPMENT THEFT.**

11 (a) **PILOT PROGRAM.**—Not later than 1 year after
12 the date of enactment of this Act, the Secretary of Energy
13 shall establish a pilot program to make grants for projects
14 to protect against solar technology equipment theft, in-
15 cluding projects for mapping of large-scale solar projects
16 and equipment serial number registries.

17 (b) **REPORT TO CONGRESS.**—Not later than 1 year
18 after the establishment of the pilot program under sub-
19 section (a), the Secretary of Energy shall transmit to the
20 Congress a report on the effectiveness of projects sup-

1 ported under this section, which shall include rec-
2 ommendations for the continuation or alteration of the
3 program under this section or any other appropriate Fed-
4 eral legislation.

