

111<sup>TH</sup> CONGRESS  
2<sup>D</sup> SESSION

# S. 3021

To amend the Public Utility Regulatory Policies Act of 1978 to authorize the Secretary of Energy to promulgate regulations to allow electric utilities to use renewable energy to comply with any Federal renewable electricity standard, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

FEBRUARY 23, 2010

Mr. FEINGOLD (for himself and Mr. ENSIGN) 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 Public Utility Regulatory Policies Act of 1978 to authorize the Secretary of Energy to promulgate regulations to allow electric utilities to use renewable energy to comply with any Federal renewable electricity standard, 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 “Support Renewable  
5       Energy Act of 2010”.

1 **SEC. 2. USE OF RENEWABLE ENERGY TO COMPLY WITH**  
2 **FEDERAL RENEWABLE ELECTRICITY STAND-**  
3 **ARD.**

4 Section 610 of the Public Utility Regulatory Policies  
5 Act of 1978 (as added by section 132 of the American  
6 Clean Energy Leadership Act of 2009) is amended—

7 (1) in subsection (a)—

8 (A) by redesignating paragraphs (10)  
9 through (12) as paragraphs (11) through (13),  
10 respectively;

11 (B) by inserting after paragraph (9) the  
12 following:

13 “(10) LIGHT-PIPE TECHNOLOGY.—The term  
14 ‘light-pipe technology’ means any equipment that  
15 uses a highly reflective pipe that—

16 “(A) has a solar collection component and  
17 distribution lens at the respective ends of the  
18 reflective pipe to transport visible solar radi-  
19 ation from the collection point of the reflective  
20 pipe to illuminate the interior of a building;

21 “(B) does not generate net interior heat  
22 gain; and

23 “(C) integrates automatic lighting controls  
24 to adjust traditionally powered lighting to sat-  
25 isfy building lighting requirements.”;

1 (C) in paragraph (13) (as redesignated by  
2 subparagraph (A))—

3 (i) by redesignating subparagraphs  
4 (A) through (I) as clauses (i) through (ix),  
5 respectively, and indenting appropriately;

6 (ii) in the matter preceding clause (i)  
7 (as redesignated by clause (i)), by striking  
8 “The term ‘renewable energy’ means elec-  
9 tric energy” and inserting the following:

10 “The term ‘renewable energy’ means—

11 “(A) electric energy”;

12 (iii) in clause (ix) (as redesignated by  
13 clause (i)), by striking the period at the  
14 end and inserting “; and”; and

15 (iv) by adding at the end the fol-  
16 lowing:

17 “(B) energy produced through the use of  
18 customer-sited renewable energy equipment, in-  
19 cluding—

20 “(i) solar water heating;

21 “(ii) solar water and space heating or  
22 cooling;

23 “(iii) solar daylight and light-pipe  
24 technology;

25 “(iv) biogas;

1 “(v) ground source geothermal heat  
2 pump energy applications; or

3 “(vi) another renewable energy source  
4 based on innovative technology, as deter-  
5 mined by the Secretary through rule-  
6 making.”; and

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

8 “(14) SOLAR DAYLIGHT.—The term ‘solar day-  
9 light’ means a system that—

10 “(A) uses to convey or diffuse natural light  
11 into a building—

12 “(i) a prismatic or other lens;

13 “(ii) glazing that amplifies sunlight;

14 “(iii) reflectors; or

15 “(iv) concentrators; and

16 “(B) does not generate net interior heat  
17 gain.”; and

18 (2) in subsection (c)—

19 (A) in paragraph (2)—

20 (i) in subparagraph (H), by striking  
21 “; and” and inserting a semicolon;

22 (ii) in subparagraph (I)(iv), by strik-  
23 ing the period at the end and inserting a  
24 semicolon; and

1 (iii) by adding at the end the fol-  
2 lowing:

3 “(J) issue renewable energy credits equal  
4 to 100 percent of the electricity (or thermal en-  
5 ergy expressed in an electricity-equivalent) dis-  
6 placed by qualifying renewable energy equip-  
7 ment, as described in subsection (a)(13)(B);  
8 and

9 “(K) allocate the credits described in sub-  
10 paragraph (J) and credits for generators of  
11 electric energy produced through distributed  
12 generation facilities issued under subparagraphs  
13 (A), (B), and (C) to the utility, project owner,  
14 and end user that paid for the purchase, instal-  
15 lation, and maintenance of the qualified renew-  
16 able energy equipment, on the basis of the  
17 share of the cost incurred.”; and

18 (B) in paragraph (3), by striking “or (D)”  
19 and inserting “(D), or (J)”.

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