

114TH CONGRESS  
2D SESSION

# S. 3162

To provide for the consideration of energy storage systems by electric utilities as part of a supply side resource process, and for other purposes.

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IN THE SENATE OF THE UNITED STATES

JULY 12, 2016

Mr. REED (for himself and Mr. HELLER) 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 provide for the consideration of energy storage systems by electric utilities as part of a supply side resource process, 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 “Storage Technology  
5 for Operational Readiness and Generating Energy Act”  
6 or the “S.T.O.R.A.G.E. Act”.

1 **SEC. 2. CONSIDERATION OF ENERGY STORAGE SYSTEMS.**

2 (a) IN GENERAL.—Section 111(d) of the Public Util-  
 3 ity Regulatory Policies Act of 1978 (16 U.S.C. 2621(d))  
 4 is amended by adding at the end the following:

5 “(20) CONSIDERATION OF ENERGY STORAGE  
 6 SYSTEMS.—Each State shall consider requiring that,  
 7 as part of a supply side resource planning process,  
 8 an electric utility of the State demonstrate to the  
 9 State that the electric utility considered an invest-  
 10 ment in energy storage systems based on appro-  
 11 priate factors, including—

12 “(A) total costs and normalized life cycle  
 13 costs;

14 “(B) cost effectiveness;

15 “(C) improved reliability;

16 “(D) security; and

17 “(E) system performance and efficiency.”.

18 (b) TIME LIMITATIONS.—Section 112(b) of the Pub-  
 19 lic Utility Regulatory Policies Act of 1978 (16 U.S.C.  
 20 2622(b)) is amended by adding at the end the following:

21 “(7)(A) Not later than 1 year after enactment  
 22 of this paragraph, each State regulatory authority  
 23 (with respect to each electric utility for which the  
 24 State regulatory authority has ratemaking authority)  
 25 and each nonregulated utility shall commence the  
 26 consideration referred to in section 111, or set a

1 hearing date for consideration, with respect to the  
2 standard established by paragraph (20) of section  
3 111(d).

4 “(B) Not later than 2 years after the date of  
5 enactment of this paragraph, each State regulatory  
6 authority (with respect to each electric utility for  
7 which the State regulatory authority has ratemaking  
8 authority), and each nonregulated electric utility,  
9 shall complete the consideration, and shall make the  
10 determination, referred to in section 111 with re-  
11 spect to the standard established by paragraph (20)  
12 of section 111(d).”.

13 (c) FAILURE TO COMPLY.—Section 112(c) of the  
14 Public Utility Regulatory Policies Act of 1978 (16 U.S.C.  
15 2622(c)) is amended by adding at the end the following:  
16 “In the case of the standard established by paragraph (20)  
17 of section 111(d), the reference contained in this sub-  
18 section to the date of enactment of this Act shall be  
19 deemed to be a reference to the date of enactment of that  
20 paragraph.”.

21 (d) PRIOR STATE ACTIONS.—Section 112(d) of the  
22 Public Utility Regulatory Policies Act of 1978 (16 U.S.C.  
23 2622(d)) is amended in the matter preceding paragraph  
24 (1) by striking “(19)” and inserting “(20)”.

1 **SEC. 3. COORDINATION OF PROGRAMS.**

2       To the maximum extent practicable, the Secretary of  
3 Energy shall ensure that the funding and administration  
4 of the different offices within the Grid Modernization Ini-  
5 tiative of the Department of Energy and other programs  
6 conducting energy storage research are coordinated and  
7 streamlined.

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