

**AMENDMENT TO H.R. 3165**  
**OFFERED BY MR. NEUGEBAUER OF TEXAS**

Page 2, line 17, strike “and”.

Page 2, line 20, strike the semicolon and insert “; and”.

Page 2, after line 20, insert the following new subparagraph:

1                   (E) understanding of the wake effect be-  
2                   tween upwind and downwind turbine operations;

Page 3, line 19, insert “and geographic diversity” after “sufficient size”.

Page 3, lines 23 through 25, amend paragraph (2) to read as follows:

3                   (2) demonstration projects carried out under  
4                   this program are—

5                   (A) conducted in collaboration with indus-  
6                   try and, as appropriate, with academic institu-  
7                   tions; and

8                   (B) located in various geographic areas  
9                   representing various wind class regimes; and



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**OFFERED BY MR. SMITH OF NEBRASKA**

Page 3, line 12, strike “and”.

Page 3, after line 12, insert the following new paragraph (and redesignate the subsequent paragraph accordingly):

- 1           (11) technical processes to enable—
- 2                 (A) scalability of transmission from re-
- 3                 motely located renewable resource rich areas;
- 4                 and
- 5                 (B) optimization of advanced infrastruc-
- 6                 ture design, including high voltage trans-
- 7                 mission; and



**AMENDMENT TO H.R. 3165**  
**OFFERED BY Ms. EDDIE BERNICE JOHNSON OF**  
**TEXAS**

Page 4, after line 7, insert the following new section  
(and redesignate the subsequent section accordingly):

1 **SEC. 4. EQUAL OPPORTUNITY.**

2 In carrying out this Act, the Secretary of Energy  
3 shall—

4 (1) coordinate with the Office of Minority Eco-  
5 nomic Impact and with the Office of Small and Dis-  
6 advantaged Business Utilization; and

7 (2) provide special consideration to applications  
8 submitted by institutions, businesses, or entities con-  
9 taining majority representation by individuals identi-  
10 fied in section 33 or 34 of the Science and Engineer-  
11 ing Equal Opportunities Act (42 U.S.C. 1885a or  
12 1885b).



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**OFFERED BY MR. BARTLETT OF MARYLAND**

Page 4, after line 7, insert the following new section  
(and redesignate the subsequent section accordingly):

1 **SEC. 4. COMPETITIVE AWARDS.**

2 Awards under section 2 and section 3 shall be made  
3 on a competitive basis with an emphasis on technical  
4 merit.



**AMENDMENT TO H.R. 3165**  
**OFFERED BY MR. MCCAUL OF TEXAS**

Page 4, after line 9, insert the following new section  
(and redesignate the subsequent section accordingly):

1 **SEC. 4. COORDINATION AND NONDUPLICATION.**

2       To the maximum extent practicable the Secretary of  
3 Energy shall coordinate activities under this Act with  
4 other programs of the Department of Energy and other  
5 Federal research programs.

