

119TH CONGRESS
1ST SESSION

S. 1566

To extend a program for preventing outages and enhancing the resilience
of the electric grid, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MAY 1, 2025

Mr. PETERS (for himself and Mr. CASSIDY) introduced the following bill;
which was read twice and referred to the Committee on Energy and Nat-
ural Resources

A BILL

To extend a program for preventing outages and enhancing
the resilience of the electric grid, 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 “Preventing Power Out-
5 ages Act”.

6 **SEC. 2. PREVENTING OUTAGES AND ENHANCING THE RE-**
7 **SILIENCE OF THE ELECTRIC GRID.**

8 Section 40101 of the Infrastructure Investment and
9 Jobs Act (42 U.S.C. 18711) is amended—

10 (1) in subsection (a)—

1 (A) by redesignating paragraphs (1)
 2 through (5) as paragraphs (2) through (6), re-
 3 spectively; and

4 (B) by inserting before paragraph (2) (as
 5 so redesignated) the following:

6 “(1) CAIDI; SAIDI; SAIFI.—The terms ‘Cus-
 7 tomer Average Interruption Duration Index’ (or
 8 ‘CAIDI’), ‘System Average Interruption Duration
 9 Index’ (or ‘SAIDI’), and ‘System Average Interrup-
 10 tion Frequency Index’ (or ‘SAIFI’) have the same
 11 meanings as in the standard published by the Insti-
 12 tute of Electrical and Electronics Engineers Stand-
 13 ards Association entitled ‘IEEE Guide for Electric
 14 Power Distribution Reliability Indices’ and num-
 15 bered 1366 (or a successor standard), subject to the
 16 condition that, in calculating each index, all outages
 17 greater than 5 minutes, including on Major Event
 18 Days (within the meaning of that standard (or a
 19 successor standard)), are included in the calcula-
 20 tion.”;

21 (2) in subsection (c)(4)—

22 (A) by striking the paragraph designation
 23 and heading and all that follows through “In”
 24 and inserting the following:

25 “(4) PRIORITY; SPECIAL CONSIDERATION.—

1 “(A) PRIORITY.—In”; and

2 (B) by adding at the end the following:

3 “(B) SPECIAL CONSIDERATION.—In mak-
 4 ing grants to eligible entities under the pro-
 5 gram, the Secretary shall take into consider-
 6 ation the scores of the eligible entities on the
 7 System Average Interruption Duration Index,
 8 the System Average Interruption Frequency
 9 Index, and the Customer Average Interruption
 10 Duration Index during the previous 5 years,
 11 with eligible entities having lower reliability, as
 12 indicated by higher SAIDI, SAIFI, or CAIDI
 13 scores during that period, receiving additional
 14 weight or consideration as compared to eligible
 15 entities having higher reliability, as indicated by
 16 lower SAIDI, SAIFI, or CAIDI scores during
 17 that period.”;

18 (3) in subsection (d)—

19 (A) in paragraph (3)(B), by adding at the
 20 end the following:

21 “(vi) The scores of the State or In-
 22 dian Tribe on the System Average Inter-
 23 ruption Duration Index, the System Aver-
 24 age Interruption Frequency Index, and the
 25 Customer Average Interruption Duration

Index during the previous 5 years, with States or Indian Tribes having lower reliability, as indicated by higher SAIDI, SAIFI, or CAIDI scores during that period, receiving additional weight or consideration as compared to States or Indian Tribes having higher reliability, as indicated by lower SAIDI, SAIFI, or CAIDI scores during that period.”; and

(B) in paragraph (5)—

(i) by striking the paragraph designation and heading and all that follows through “In” and inserting the following:

“(5) PRIORITY; SPECIAL CONSIDERATION.—

“(A) PRIORITY.—In”; and

(ii) by adding at the end the following:

“(B) SPECIAL CONSIDERATION.—In making grants to eligible entities using funds made available to the applicable State or Indian Tribe under the program, the State or Indian Tribe shall take into consideration the scores of the eligible entities on the System Average Interruption Duration Index, the System Average Interruption Frequency Index, and the Cus-

1 tomer Average Interruption Duration Index
2 during the previous 5 years, with eligible enti-
3 ties having lower reliability, as indicated by
4 higher SAIDI, SAIFI, or CAIDI scores during
5 that period, receiving additional weight or con-
6 sideration as compared to eligible entities hav-
7 ing higher reliability, as indicated by lower
8 SAIDI, SAIFI, or CAIDI scores during that
9 period.”;

10 (4) in subsection (e)—

11 (A) in paragraph (2), by striking subpara-
12 graph (C); and

13 (B) by adding at the end the following:

14 “(3) CLARIFICATION.—In making grants to eli-
15 gible entities under this section, the Secretary, a
16 State, or an Indian Tribe may not—

17 “(A) condition the submission of an appli-
18 cation for, or receipt of, such a grant on the ap-
19 plication addressing more than 1 type or cat-
20 egory of activities, technologies, equipment, or
21 hardening measures described in paragraph (1);
22 or

23 “(B) give priority or any other preference
24 to an application solely because the application
25 addresses more than 1 type or category of ac-

1 tivities, technologies, equipment, or hardening
2 measures described in that paragraph.”; and
3 (5) in subsection (j), by striking “2022 through
4 2026” and inserting “2027 through 2031, to remain
5 available until expended”.

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