

119TH CONGRESS
1ST SESSION

H. R. 4990

To direct the Secretary of Energy to carry out a demonstration program for projects that improve electric grid resilience with respect to wildfires, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

AUGUST 15, 2025

Mrs. TORRES of California introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To direct the Secretary of Energy to carry out a demonstration program for projects that improve electric grid resilience with respect to wildfires, 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 “Wildfire Grid Resil-

5 iency Act”.

6 **SEC. 2. RESILIENCE ACCELERATOR DEMONSTRATION PRO-**
7 **GRAM.**

8 (a) IN GENERAL.—The Secretary of Energy, acting
9 through the Assistant Secretary of the Office of Cyberse-

1 curity, Energy Security, and Emergency Response of the
2 Department of Energy, shall carry out a demonstration
3 program, to be known as the “Resilience Accelerator Dem-
4 onstration Program” (in this section referred to as the
5 “Program”), to make awards to National Laboratories for
6 projects that demonstrate innovative technologies to im-
7 prove electric grid resilience with respect to wildfires.

8 (b) ELIGIBLE PROJECTS.—The Secretary of Energy
9 may make an award under the Program to facilitate a
10 project that demonstrates an innovative technology to im-
11 prove electric grid resilience with respect to wildfires, in-
12 cluding—

13 (1) a project that demonstrates an innovative
14 technology for monitoring vegetation management;
15 and

16 (2) a project that demonstrates an innovative
17 technology to enhance the safety of first responders
18 who respond to electric grid emergencies.

19 (c) DEFINITIONS.—In this section:

20 (1) NATIONAL LABORATORY.—The term “Na-
21 tional Laboratory” has the meaning given such term
22 in section 2 of the Energy Policy Act of 2005 (42
23 U.S.C. 15801).

24 (2) RESILIENCE.—The term “resilience” has
25 the meaning given such term in section 1304A of

1 the Energy Independence and Security Act of 2007
2 (42 U.S.C. 17384a).

3 (d) AUTHORIZATION OF APPROPRIATIONS.—There is
4 authorized to be appropriated to carry out the Program
5 \$10,000,000 for each of fiscal years 2026 through 2029.

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