

AMENDMENT NO. _____ Calendar No. _____

Purpose: To establish a clean energy demonstrations program.

IN THE SENATE OF THE UNITED STATES—117th Cong., 1st Sess.

S. _____

To invest in the energy and outdoor infrastructure of the United States to deploy new and innovative technologies, update existing infrastructure to be reliable and resilient, and secure energy infrastructure against physical and cyber threats, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. CASSIDY

Viz:

1 At the end of the bill, add the following:

2 **TITLE XII—MISCELLANEOUS**

3 **SEC. 12001. OFFICE OF CLEAN ENERGY DEMONSTRATIONS.**

4 (a) DEFINITIONS.—In this section:

5 (1) COVERED PROJECT.—The term “covered
6 project” means a demonstration project of the De-
7 partment that—

8 (A) receives or is eligible to receive funding
9 from the Secretary; and

10 (B) is authorized under—

1 (i) this Act; or

2 (ii) the Energy Act of 2020 (Public
3 Law 116–260; 134 Stat. 1182).

4 (2) PROGRAM.—The term “program” means
5 the program established under subsection (b).

6 (b) ESTABLISHMENT.—The Secretary, in coordina-
7 tion with the heads of relevant program offices of the De-
8 partment, shall establish a program to conduct project
9 management and oversight of covered projects, including
10 by—

11 (1) conducting evaluations of proposals for cov-
12 ered projects before the selection of a covered project
13 for funding;

14 (2) conducting independent oversight of the
15 execution of a covered project after funding has been
16 awarded for that covered project; and

17 (3) ensuring a balanced portfolio of investments
18 in covered projects.

19 (c) DUTIES.—The Secretary shall appoint a head of
20 the program who shall, in coordination with the heads of
21 relevant program offices of the Department—

22 (1) evaluate proposals for covered projects, in-
23 cluding scope, technical specifications, maturity of
24 design, funding profile, estimated costs, proposed
25 schedule, proposed technical and financial mile-

1 stones, and potential for commercial success based
2 on economic and policy projections;

3 (2) develop independent cost estimates for a
4 proposal for a covered project, if appropriate;

5 (3) recommend to the head of a program office
6 of the Department, as appropriate, whether to fund
7 a proposal for a covered project;

8 (4) oversee the execution of covered projects
9 that receive funding from the Secretary, including
10 reconciling estimated costs as compared to actual
11 costs;

12 (5) conduct reviews of ongoing covered projects,
13 including—

14 (A) evaluating the progress of a covered
15 project based on the proposed schedule and
16 technical and financial milestones; and

17 (B) providing the evaluations under sub-
18 paragraph (A) to the Secretary; and

19 (6) assess the lessons learned in overseeing cov-
20 ered projects and implement improvements in the
21 process of evaluating and overseeing covered
22 projects.

23 (d) EMPLOYEES.—To carry out the program, the
24 Secretary may hire appropriate personnel to perform the
25 duties of the program.

1 (e) COORDINATION.—In carrying out the program,
2 the head of the program shall coordinate with—

3 (1) project management and acquisition man-
4 agement entities with the Department, including the
5 Office of Project Management; and

6 (2) professional organizations in project man-
7 agement, construction, cost estimation, and other
8 relevant fields.

9 (f) REPORTS.—

10 (1) REPORT BY SECRETARY.—The Secretary
11 shall include in each updated technology transfer
12 execution plan submitted under subsection (h)(2) of
13 section 1001 of the Energy Policy Act of 2005 (42
14 U.S.C. 16391) information on the implementation of
15 and progress made under the program, including,
16 for the year covered by the report—

17 (A) the covered projects under the purview
18 of the program; and

19 (B) the review of each covered project car-
20 ried out under subsection (e)(5).

21 (2) REPORT BY COMPTROLLER GENERAL.—Not
22 later than 3 years after the date of enactment of
23 this Act, the Comptroller General of the United
24 States shall submit to the Committee on Energy and
25 Natural Resources of the Senate and the Committee

1 on Science, Space, and Technology of the House of
2 Representatives a report evaluating the operation of
3 the program, including—

4 (A) a description of the processes and pro-
5 cedures used by the program to evaluate pro-
6 posals of covered projects and the oversight of
7 covered projects; and

8 (B) any recommended changes in the pro-
9 gram, including changes to—

10 (i) the processes and procedures de-
11 scribed in subparagraph (A); and

12 (ii) the structure of the program, for
13 the purpose of better carrying out the pro-
14 gram.

15 (g) TECHNICAL AMENDMENT.—Section 1001 of the
16 Energy Policy Act of 2005 (42 U.S.C. 16391) is amended
17 by redesignating the second subsections (f) (relating to
18 planning and reporting) and (g) (relating to additional
19 technology transfer programs) as subsections (h) and (i),
20 respectively.