

**AMENDMENT TO**  
**RULES COMMITTEE PRINT 117-31**  
**OFFERED BY MS. SHERRILL OF NEW JERSEY**

At the end of title III of division C, add the following:

**1 SEC. 20303. LONG-DURATION DEMONSTRATION INITIATIVE**  
**2 AND JOINT PROGRAM.**

**3 (a) ESTABLISHMENT OF INITIATIVE.**—Not later than  
**4 6 months** after the date of enactment of this Act, the Di-  
**5 rector** of the Environmental Security Technology Certifi-  
**6 cation Program** of the Department of Defense (hereinafter  
**7 in this section** referred to as the “Director”) may establish  
**8 a demonstration initiative** composed of demonstration  
**9 projects** focused on the development of long-duration en-  
**10 ergy storage technologies.**

**11 (b) SELECTION OF PROJECTS.**—To the maximum ex-  
**12 tent practicable**, in selecting demonstration projects to  
**13 participate** in the demonstration initiative under sub-  
**14 section (a)**, the Director may—

- 15 (1) ensure** a range of technology types;
- 16 (2) ensure** regional diversity among projects;
- 17 and**

1           (3) consider bulk power level, distribution power  
2 level, behind-the-meter, microgrid (grid-connected or  
3 islanded mode), and off-grid applications.

4           (c) JOINT PROGRAM.—

5           (1) ESTABLISHMENT.—As part of the dem-  
6 onstration initiative under subsection (a), the Direc-  
7 tor, in consultation with the Secretary of Energy,  
8 may establish within the Department of Defense a  
9 joint program to carry out projects—

10           (A) to demonstrate promising long-dura-  
11 tion energy storage technologies at different  
12 scales to promote energy resiliency; and

13           (B) to help new, innovative long-duration  
14 energy storage technologies become commer-  
15 cially viable.

16           (2) MEMORANDUM OF UNDERSTANDING.—Not  
17 later than 200 days after the date of enactment of  
18 this Act, the Director may enter into a memo-  
19 randum of understanding with the Secretary of En-  
20 ergy to administer the joint program.

21           (3) INFRASTRUCTURE.—In carrying out the  
22 joint program, the Director and the Secretary of En-  
23 ergy may—

24           (A) use existing test-bed infrastructure  
25 at—

1 (i) installations of the Department of  
2 Defense; and

3 (ii) facilities of the Department of En-  
4 ergy; and

5 (B) develop new infrastructure for identi-  
6 fied projects, if appropriate.

7 (4) GOALS AND METRICS.—The Director and  
8 the Secretary of Energy may develop goals and  
9 metrics for technological progress under the joint  
10 program consistent with energy resilience and energy  
11 security policies.

12 (5) SELECTION OF PROJECTS.—

13 (A) IN GENERAL.—To the maximum ex-  
14 tent practicable, in selecting projects to partici-  
15 pate in the joint program, the Director and the  
16 Secretary of Energy may—

17 (i) ensure that projects are carried  
18 out under conditions that represent a vari-  
19 ety of environments with different physical  
20 conditions and market constraints; and

21 (ii) ensure an appropriate balance  
22 of—

23 (I) larger, operationally-scaled  
24 projects, adapting commercially-prov-

1                   en technology that meets military  
2                   service defined requirements; and

3                   (II) smaller, lower-cost projects.

4                   (B) PRIORITY.—In carrying out the joint  
5                   program, the Director and the Secretary of En-  
6                   ergy may give priority to demonstration  
7                   projects that—

8                   (i) make available to the public  
9                   project information that will accelerate de-  
10                  ployment of long-duration energy storage  
11                  technologies that promote energy resil-  
12                  iency; and

13                  (ii) will be carried out as field dem-  
14                  onstrations fully integrated into the instal-  
15                  lation grid at an operational scale.

