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:

SEC. 20303. LONG-DURATION DEMONSTRATION INITIATIVE AND JOINT PROGRAM.

(a) ESTABLISHMENT OF INITIATIVE.—Not later than 6 months after the date of enactment of this Act, the Director of the Environmental Security Technology Certification Program of the Department of Defense (hereinafter in this section referred to as the “Director”) may establish a demonstration initiative composed of demonstration projects focused on the development of long-duration energy storage technologies.

(b) SELECTION OF PROJECTS.—To the maximum extent practicable, in selecting demonstration projects to participate in the demonstration initiative under subsection (a), the Director may—

(1) ensure a range of technology types;

(2) ensure regional diversity among projects;

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

(c) Joint Program.—

(1) Establishment.—As part of the demonstration initiative under subsection (a), the Director, in consultation with the Secretary of Energy, may establish within the Department of Defense a joint program to carry out projects—

(A) to demonstrate promising long-duration energy storage technologies at different scales to promote energy resiliency; and

(B) to help new, innovative long-duration energy storage technologies become commercially viable.

(2) Memorandum of Understanding.—Not later than 200 days after the date of enactment of this Act, the Director may enter into a memorandum of understanding with the Secretary of Energy to administer the joint program.

(3) Infrastructure.—In carrying out the joint program, the Director and the Secretary of Energy may—

(A) use existing test-bed infrastructure
(i) installations of the Department of Defense; and

(ii) facilities of the Department of Energy; and

(B) develop new infrastructure for identified projects, if appropriate.

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

(5) SELECTION OF PROJECTS.—

(A) IN GENERAL.—To the maximum extent practicable, in selecting projects to participate in the joint program, the Director and the Secretary of Energy may—

(i) ensure that projects are carried out under conditions that represent a variety of environments with different physical conditions and market constraints; and

(ii) ensure an appropriate balance of—

(I) larger, operationallyscaled projects, adapting commercially-prov-
technology that meets military
service defined requirements; and

(II) smaller, lower-cost projects.

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

(i) make available to the public
project information that will accelerate de-
ployment of long-duration energy storage
technologies that promote energy resil-
ience; and

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