AMENDMENT TO

COMMITTEE PRINT OF H.R. 5760

OFFERED BY M. ______________

Add at the end the following:

SEC. 4. CRITICAL INFRASTRUCTURE RESEARCH AND CONSTRUCTION.

(a) In General.—The Secretary shall carry out a program of research, development, and demonstration of technologies and tools to help ensure the resilience and security of critical integrated grid infrastructures.

(b) Critical Infrastructure Defined.—The term “critical infrastructure” means infrastructure that the Secretary determines to be vital to socioeconomic activities such that, if destroyed or damaged, such destruction or damage could cause substantial disruption to such socioeconomic activities.

(c) Coordination.—In carrying out the program under subsection (a), the Secretary shall leverage expertise and resources of and facilitate collaboration and coordination between—

(1) relevant programs and activities across the Department;

(2) the Department of Defense; and
(3) the Department of Homeland Security.

(d) **Critical Infrastructure Test Facility.**—In carrying out the program under subsection (a), the Secretary shall establish and operate a Critical Infrastructure Test Facility (referred to in this section as the “Test Facility”) that allows for scalable physical and cyber performance testing to be conducted on industry-scale critical infrastructure systems. This facility shall include a focus on—

1. cybersecurity test beds; and
2. electric grid test beds.

(e) **Selection.**—The Secretary shall select the Test Facility under this section on a competitive, merit-reviewed basis. The Secretary shall consider applications from National Laboratories, institutions of higher education, multi-institutional collaborations, and other appropriate entities.

(f) **Duration.**—The Test Facility established under this section shall receive support for a period of not more than 5 years, subject to the availability of appropriations.

(g) **Renewal.**—Upon the expiration of any period of support of the Test Facility, the Secretary may renew support for the Test Facility, on a merit-reviewed basis, for a period of not more than 5 years.
(h) TERMINATION.—Consistent with the existing authorities of the Department, the Secretary may terminate the Test Facility for cause during the performance period.