

AMENDMENT TO
RULES COMMITTEE PRINT 117-54
OFFERED BY MR. LAMB OF PENNSYLVANIA

At the end of title LVIII of division E, insert the following:

1 **SEC. ____ . STRATEGIC TRANSFORMER RESERVE AND RESIL-**
2 **IENCE.**

3 (a) **PLAN AND REPORT.**—Not later than 18 months
4 after the date of enactment of this section, the Secretary
5 shall submit to the Committee on Energy and Commerce
6 of the House of Representatives and the Committee on
7 Energy and Natural Resources of the Senate a report con-
8 taining—

9 (1) a plan for reducing the vulnerability of the
10 electric grid to physical attack, cyber attack, electro-
11 magnetic pulse, geomagnetic disturbances, severe
12 weather, climate change, and seismic events, includ-
13 ing by—

14 (A) establishing a strategic transformer re-
15 serve that ensures that large power trans-
16 formers, generator step-up transformers, power
17 conversion equipment, and other critical electric
18 grid equipment are strategically located to en-

1 sure timely replacement of such equipment as
2 may be necessary to restore electric grid func-
3 tion rapidly in the event of severe damage to
4 the electric grid due to physical attack, cyber
5 attack, electromagnetic pulse, geomagnetic dis-
6 turbances, severe weather, climate change, or
7 seismic events; and

8 (B) establishing a coordinated plan to fa-
9 cilitate transportation of large power trans-
10 formers, generator step-up transformers, power
11 conversion equipment, and other critical electric
12 grid equipment; and

13 (2) an evaluation of the benefits of establishing
14 such a strategic transformer reserve, including the
15 benefits of purchasing critical electric grid equip-
16 ment that is made of iron and steel products pro-
17 duced in the United States.

18 (b) TRANSFORMER RESILIENCE.—The Secretary
19 shall—

20 (1) improve large power transformers, gener-
21 ator step-up transformers, power conversion equip-
22 ment, and other critical electric grid equipment by
23 reducing their vulnerabilities;

1 (2) develop, test, and deploy innovative equip-
2 ment designs that are more flexible and offer greater
3 resiliency of electric grid functions;

4 (3) coordinate with industry and manufacturers
5 to standardize large power transformers, generator
6 step-up transformers, power conversion equipment,
7 and other critical electric grid equipment;

8 (4) monitor and test large power transformers,
9 generator step-up transformers, power conversion
10 equipment, and other critical electric grid equipment
11 that the Secretary determines may pose a risk to the
12 bulk-power system or national security; and

13 (5) facilitate the domestic manufacturing of
14 large power transformers, generator step-up trans-
15 formers, power conversion equipment, and other crit-
16 ical electric grid equipment through the issuance of
17 grants and loans, and through the provision of tech-
18 nical support.

19 (c) CONSULTATION.—In carrying out this section, the
20 Secretary shall consult with the Federal Energy Regu-
21 latory Commission, the Electricity Subsector Coordinating
22 Council, the Electric Reliability Organization, manufac-
23 turers, and owners and operators of critical electric infra-
24 structure and defense and military installations.

1 (d) PREVAILING WAGES.—Any laborer or mechanic
2 employed by any contractor or subcontractor in the per-
3 formance of work funded directly, or assisted in whole or
4 in part, by the Federal Government pursuant to this sec-
5 tion shall be paid wages at rates not less than those pre-
6 vailing on work of a similar character in the locality, as
7 determined by the Secretary of Labor under subchapter
8 IV of chapter 31 of title 40, United States Code (com-
9 monly referred to as the Davis-Bacon Act). With respect
10 to the labor standards in this subsection, the Secretary
11 of Labor shall have the authority and functions set forth
12 in Reorganization Plan Numbered 14 of 1950 (64 Stat.
13 1267; 5 U.S.C. App.) and section 3145 of title 40, United
14 States Code.

15 (e) AUTHORIZATION OF APPROPRIATIONS.—There is
16 authorized to be appropriated to carry out this section
17 \$75,000,000 for each of fiscal years 2022 through 2026,
18 and such amounts shall remain available until expended.

19 (f) DEFINITIONS.—In this section:

20 (1) The terms “bulk-power system” and “Elec-
21 tric Reliability Organization” have the meaning
22 given such terms in section 215 of the Federal
23 Power Act (16 U.S.C. 824o).

1 (2) The term “critical electric infrastructure”
2 has the meaning given such term in section 215A of
3 the Federal Power Act (16 U.S.C. 824o–1).

4 (3) The term “iron and steel products” includes
5 electrical steel used in the manufacture of—

6 (A) transformers; and

7 (B) laminations, cores, and other trans-
8 former components.

9 (4) The term “produced in the United States”
10 means, with respect to iron and steel products, that
11 all manufacturing processes, from the initial melting
12 stage through the application of coatings, occurred
13 in the United States.

14 (1) The terms “Regional Transmission Organi-
15 zation”, “Independent System Operator”, and
16 “State regulatory authority” have the meaning given
17 such terms in section 3 of the Federal Power Act
18 (16 U.S.C. 796).

19 (2) The term “Secretary” means the Secretary
20 of Energy.

