AMENDMENT TO
RULES COMMITTEE PRINT 118–10
OFFERED BY MR. CASTEN OF ILLINOIS

At the end of subtitle B of title III, add the following new section:

SEC. 3. CODIFICATION OF CERTAIN DEPARTMENT OF DEFENSE CLEAN ENERGY TARGETS.

(a) CODIFICATION.—Section 2911(g) of title 10, United States Code, is amended—

(1) by redesignating paragraph (3) as paragraph (4);

(2) by striking paragraphs (1) and (2) and inserting the following new paragraphs (1) through (3):

“(1) It shall be the target of the Department of Defense, with respect to the activities, personnel, resources, and facilities of the Department located within the United States—

“(A) by 2025, to use zero-emission electricity for at least 40 percent of the total amount of electricity used by all such facilities during each calendar year;
“(B) by 2030, to use zero-emission electricity for at least 60 percent of the total amount of electricity used by all such facilities during each calendar year;

“(C) by 2035, to use zero-emission electricity for at least 80 percent of the total amount of electricity used by all such facilities during each calendar year; and

“(D) by 2040, to use zero-emission electricity for 100 percent of the electricity used by all such facilities during each calendar year;

“(E) by 2025, to reduce the full lifecycle greenhouse gas emissions from the procurement of all goods and services for use at military installations by at least 20 percent from the 2008 baseline, and by 2050, to eliminate the full lifecycle greenhouse gas emissions from such procurement.

“(F) by 2032, to reduce the direct emissions of greenhouse gases from buildings on military installations by 50 percent from the 2008 baseline, and by 2045, to eliminate the direct emissions of greenhouse gases from buildings on military installations;

“(G) by 2030, to reduce the direct emissions of greenhouse gases from operations of the Department by 65 percent from the 2008 baseline, and by 2050,
to eliminate the direct emissions of greenhouse gases from operations of the Department;

“(H) by 2027, to acquire as light-duty non-tactical vehicles only vehicles the use of which results in zero direct emissions of greenhouse gases;

“(I) by 2035, to acquire as non-tactical vehicles only vehicles the use of which results in zero direct emissions of greenhouse gases; and

“(J) by 2045, to demonstrate progress toward the acquisition of non-tactical and tactical vehicles only vehicles the manufacture, use and disposal of which results in zero full lifecycle greenhouse gas emissions.

“(2) The Secretary of Defense may issue an exemption to the targets under paragraph (1) with respect to an activity of an element of the Department, and any related personnel, resources, and facilities if the Secretary—

“(A) determines that the exemption is in the national security interests of the United States; and

“(B) not later than 30 days after issuing such exemption, submits to the congressional defense committees notice in writing of the exemption.

“(3)(A) On an annual basis, the Secretary of Defense shall submit to the congressional defense committees a report on the progress made toward achieving the targets
under paragraph (1). Each such report shall cover activities to achieve such targets conducted during the year preceding the date of the submission of the report and shall include—

“(i) an identification of outstanding funding and staffing resources needed to implement such activities;

“(ii) a description of any planned activities the Secretary intends to carry to meet such targets, including how the Office of the Secretary of Defense, the Secretaries of the military departments, and the heads of the Defense agencies plan to collaborate to implement such activities; and

“(iii) a plan to increase production of zero emission electricity on military installations and pursue any energy use reduction or conservation efforts.

“(B) Each report under subparagraph (A) shall be made publicly available on an appropriate website of the Department of Defense.”; and

(3) by adding at the end the following new paragraphs:

“(5) The Secretary of Defense shall delegate the responsibility for carrying out this subsection to the Assist-
(6) In this subsection:

(A) The term ‘carbon dioxide equivalent’ means the number of metric tons of carbon dioxide emissions with the same global warming potential over a 20-year period as one metric ton of another greenhouse gas, including, in determining such global warming potential—

(i) the effects of climate-carbon feedbacks for both carbon dioxide and the other greenhouse gas, as determined in accordance with the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, or successor report; and

(ii) for methane, the effect of carbon dioxide resulting from methane oxidation in the atmosphere.

(B) The term ‘carbon intensity’ means the carbon dioxide equivalent emissions associated with the generation of one megawatt-hour of electric energy.

(C) The term ‘full lifecycle greenhouse gas emissions’ means the total emissions of greenhouse gases resulting from the production, transportation,
use, and disposal of a given item, as determined by
the Secretary of Defense in consultation with the
Administrator of the Environmental Protection
Agency and the Secretary of Energy.

“(D) The term ‘greenhouse gas’ includes each
of the following:

“(i) Carbon dioxide.
“(ii) Methane.
“(iii) Nitrous oxide.
“(iv) Sulfur hexafluoride.
“(v) Any hydrofluorocarbon.
“(vi) Any perfluorocarbon.
“(vii) Nitrogen trifluoride.
“(viii) Any fully fluorinated linear,
branched, or cyclic alkane, ether, tertiary
amine, or aminoether.
“(ix) Any perfluoropolyether.
“(x) Any hydrofluoropolyether.
“(xi) Any other fluorocarbon, except for a
fluorocarbon with a vapor pressure of less than
1 mm of Hg absolute at 25 degrees Celsius.
“(E) The term ‘military installation’ has the
meaning given that term in section 2801(e) of this
title.
“(F) The term ‘qualified electricity generation’ means the number of megawatt-hours of electric energy that a generator generates using a generating unit and—

“(i) sells directly or indirectly for use by electric consumers for purposes other than resale; or

“(ii) that is consumed onsite for a useful purpose other than for generating electric energy.

“(G) The term ‘zero-emission electricity’ means the amount, in megawatt-hours, of electric energy generated by a generating unit that is not associated with the release of greenhouse gases into the atmosphere, as calculated by multiplying—

“(i) the qualified electricity generation of the generating unit; by

“(ii) the number that equals—

“(I) 1.0; less

“(II) the quotient obtained by dividing the carbon intensity of the generating unit by 0.82.

“(H) The term ‘2008 baseline’ means the amount of emissions associated with the given item or items during calendar year 2008, as determined
by the Secretary of Defense in consultation with the Administrator of the Environmental Protection Agency and the Secretary of Energy.’”’.

(b) **Non-Domestic Application of Targets.**—

The Secretary of Defense may apply, in whole or in part, the targets set forth in section 2911(g)(1) of title 10, United States Code, as amended by subsection (a), with respect to the activities, personnel, resources, and facilities of the Department of Defense located outside of the United States if the Secretary determines such application to be in the interest of the United States.