

116TH CONGRESS  
2D SESSION

# H. R. 7169

To direct the Comptroller General of the United States to prepare a report on the progress of the Department of Defense toward reaching net zero goals, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JUNE 11, 2020

Mr. HASTINGS introduced the following bill; which was referred to the Committee on Armed Services

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## A BILL

To direct the Comptroller General of the United States to prepare a report on the progress of the Department of Defense toward reaching net zero goals, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “National Defense Net  
5 Zero Review Act of 2020”.

1 **SEC. 2. COMPTROLLER GENERAL REPORT ON DEPART-**  
2 **MENT OF DEFENSE PROGRESS TOWARD**  
3 **REACHING NET ZERO GOALS.**

4 (a) GAO REPORT.—Not later than one year after the  
5 date of the enactment of this Act, the Comptroller General  
6 of the United States shall submit to the Committees on  
7 Armed Services of the Senate and House of Representa-  
8 tives a report on the progress of the Department of De-  
9 fense toward reaching net zero goals, including an agency-  
10 wide view and breakdowns of progress by service branch.

11 (b) CONTENTS OF REPORT.—The report required  
12 under subsection (a) shall include—

13 (1) an analysis of the extent to which the De-  
14 partment of Defense developed an integrated net  
15 zero strategy for energy, emissions, water, and waste  
16 management and the extent to which each of the  
17 military departments has implemented such strat-  
18 egy;

19 (2) a description of the current challenges to  
20 implementing net zero initiatives or meeting net zero  
21 goals and the degree to which the Department of  
22 Defense and the military departments have ad-  
23 dressed applied lessons learned to optimize the im-  
24 plementation of net zero initiatives;

1           (3) a description of the costs and benefits of net  
2 zero initiatives and how such costs and benefits are  
3 identified, tracked, and validated;

4           (4) an analysis of the extent to which the mili-  
5 tary departments and installations have been suc-  
6 cessful in implementing the net zero initiative since  
7 the revocation of Executive Order 13693, Planning  
8 for Federal Sustainability in the Next Decade;

9           (5) a description of the options for achieving  
10 net zero benchmarks of 25 percent, 50 percent, 75  
11 percent, and 100 percent of the energy, emissions,  
12 water, and waste management levels for 2020, in-  
13 cluding anticipated funding requirements, statutory  
14 requirements, infrastructure needs, and timeframes;  
15 and

16           (6) an analysis of the extent to which the De-  
17 partment of Defense and each military department  
18 is capable of achieving negative net zero on military  
19 installations for the purpose of offsetting operational  
20 activities not capable of achieving net zero, and the  
21 anticipated funding requirements, statutory require-  
22 ments, infrastructure needs, and timeframes for  
23 reaching these goals.

1 (c) FORM OF REPORT.—The report required under  
2 this section shall be submitted in unclassified form, but  
3 may contain a classified annex.

4 **SEC. 3. COMPTROLLER GENERAL REPORT ON OPER-**  
5 **ATIONAL ENERGY USAGE.**

6 (a) IN GENERAL.—Not later than one year after the  
7 date of the enactment of this Act, the Comptroller General  
8 of the United States shall submit to the Committees on  
9 Armed Services of the Senate and House of Representa-  
10 tives a report on Department of Defense operational en-  
11 ergy usage, including an agency-wide view and breakdowns  
12 of progress by service branch.

13 (b) CONTENTS OF REPORT.—The report required  
14 under subsection (a) shall include—

15 (1) an analysis of the extent to which the De-  
16 partment of Defense developed an integrated oper-  
17 ational energy strategy and the extent to which each  
18 of the military departments has implemented such  
19 strategy;

20 (2) an analysis of the challenges in imple-  
21 menting net zero initiatives or meeting net zero  
22 goals pertaining to operational energy;

23 (3) an analysis of the extent to which net zero  
24 initiatives can be applied to operational energy man-

1       agement without negatively impacting mission capa-  
2       bility;

3               (4) an analysis of fossil fuel reduction regimes  
4       that may maximize reduction of reliance on fossil  
5       fuels without achieving net zero;

6               (5) an analysis of the benefits of implementing  
7       net zero initiatives pertaining to operational energy,  
8       including impacts of lowering the reliance on fossil  
9       fuels, decreasing the need for refueling convoys,  
10       overcoming the tyranny of distance within United  
11       States Indo-Pacific Command through hybrid or  
12       other fuel efficient propulsion systems, and associ-  
13       ated cost savings for service branches that expend  
14       significant resources on fossil fuels;

15              (6) a description of the options for achieving  
16       net zero benchmarks with respect to operational en-  
17       ergy of 25 percent, 50 percent, 75 percent, and 100  
18       percent of the operational energy levels for 2020, in-  
19       cluding anticipated funding requirements, statutory  
20       requirements, infrastructure needs, and timeframes;  
21       and

22              (7) an analysis of the integration between en-  
23       ergy offices with program offices, budget, and oper-  
24       ational planners within the Department of Defense

1 and military departments, and recommendations for  
2 improving coordination.

3 (c) FORM OF REPORT.—The report required under  
4 this section shall be submitted in unclassified form, but  
5 may contain a classified annex.

6 **SEC. 4. DEPARTMENT OF DEFENSE REPORT ON EMISSIONS**  
7 **LEVELS.**

8 (a) IN GENERAL.—Not later than 90 days after the  
9 date of the enactment of this Act and annually thereafter,  
10 the Secretary of the Department of Defense shall submit  
11 to the Committees on Armed Services of the Senate and  
12 House of Representatives and to the Comptroller General  
13 a report on the total level of emissions for each of the  
14 ten fiscal years preceding the year in which the report is  
15 submitted. Such emissions levels shall include the agency-  
16 wide total, breakdowns by military department, and delin-  
17 eations between installation and operational emissions.

18 (b) FORM OF REPORT.—The report required under  
19 this section shall be submitted in unclassified form, but  
20 may contain a classified annex.

21 **SEC. 5. DEPARTMENT OF DEFENSE MASTER PLAN FOR NET**  
22 **ZERO EMISSIONS.**

23 (a) IN GENERAL.—The Secretary of Defense shall  
24 develop a master plan for achieving Department of De-

1 fense-wide net zero for energy, water, waste management,  
2 and emissions.

3 (b) SUBMITTAL TO CONGRESS.—Not later than 18  
4 months after the date of the enactment of this Act, the  
5 Secretary shall submit to the Committees on Armed Serv-  
6 ices of the Senate and House of Representatives the plan  
7 required by subsection (a).

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