

117TH CONGRESS  
1ST SESSION

# H. R. 2060

To amend the Energy Independence and Security Act of 2007 to fund job-creating improvements in energy and resiliency for Federal buildings, to enable a portfolio of clean buildings by 2030, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

MARCH 18, 2021

Mr. SARBANES (for himself, Mr. WELCH, Ms. NORTON, Ms. DEGETTE, Mr. MCNERNEY, Mrs. HAYES, Ms. BLUNT ROCHESTER, Mr. RASKIN, Mr. CÁRDENAS, Ms. MATSUI, and Mr. NADLER) introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committees on Transportation and Infrastructure, Oversight and Reform, Armed Services, Veterans' Affairs, and Homeland Security, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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## A BILL

To amend the Energy Independence and Security Act of 2007 to fund job-creating improvements in energy and resiliency for Federal buildings, to enable a portfolio of clean buildings by 2030, 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 “Federal Building Clean  
5 Jobs Act of 2021”.

1 **SEC. 2. FEDERAL BUILDING LEASING.**

2 (a) IN GENERAL.—Section 435 of the Energy Inde-  
3 pendence and Security Act of 2007 (42 U.S.C. 17091) is  
4 amended to read as follows:

5 **“SEC. 435. LEASING.**

6 “(a) DEFINITION OF LESSOR.—In this section, the  
7 term ‘lessor’ means any individual, firm, partnership, lim-  
8 ited liability company, trust, association, State, unit of  
9 local government, or legal entity that is the rightful owner  
10 of a property leased to the Federal Government.

11 “(b) LEASING REQUIREMENTS.—Except as provided  
12 in subsection (c), effective beginning on the date that is  
13 1 year after the date of enactment of the Federal Building  
14 Clean Jobs Act of 2021, no Federal agency shall enter  
15 into a contract to lease space unless—

16 “(1) the space is for a building or space in a  
17 building that—

18 “(A) in the most recent year, has earned  
19 the Energy Star label under the Energy Star  
20 program established by section 324A of the En-  
21 ergy Policy and Conservation Act (42 U.S.C.  
22 6294a); and

23 “(B) has obtained or will obtain as a re-  
24 quired performance specification a green build-  
25 ing certification consistent with recommenda-  
26 tions of the Administrator of General Services

1 based on the review of high-performance build-  
2 ing certification systems carried out by the Ad-  
3 ministrator pursuant to section 436(h) (42  
4 U.S.C. 17092(h)); and

5 “(2) the contract includes—

6 “(A) a requirement for the lessor of the  
7 building to disclose data on consumption of util-  
8 ities (energy and water)—

9 “(i) for the portion of the building oc-  
10 cupied by the agency; and

11 “(ii) that is provided by the lessor  
12 through submetering or an alternative  
13 method identified by the Administrator for  
14 buildings lacking submeters; and

15 “(B) 1 or more mechanisms to ensure that  
16 the lessor of the building reasonably maintains  
17 the requirements of the building described in  
18 paragraph (1).

19 “(c) WAIVER.—

20 “(1) IN GENERAL.—Subject to paragraph (2), a  
21 Federal agency may enter into a contract to lease  
22 space that does not meet a requirement described in  
23 subparagraph (A) or (B) of subsection (b)(1) if—

24 “(A) no other space is available that can  
25 meet that requirement within a reasonable pe-

1           riod and meet the functional requirements of  
2           the agency, including locational needs;

3           “(B) the agency proposes to remain in a  
4           building or a space in a building—

5                   “(i) that the agency has occupied pre-  
6                   viously; and

7                   “(ii) less than 50 percent of the  
8                   leasable space of which is leased by the  
9                   Federal Government;

10           “(C) the agency proposes to lease a build-  
11           ing or space in a building of historical, architec-  
12           tural, or cultural significance (as defined in sec-  
13           tion 3306(a) of title 40, United States Code);  
14           or

15           “(D) the lease is for not more than 10,000  
16           gross square feet of space in a building less  
17           than 50 percent of the leasable space of which  
18           is leased by the Federal Government.

19           “(2) WAIVER APPROVAL.—

20                   “(A) IN GENERAL.—A Federal agency may  
21           enter into a contract under paragraph (1) if—

22                   “(i)(I) the agency submits a request  
23                   to the Federal Director of the Office of  
24                   Federal High-Performance Green Build-

1           ings indicating the basis for the request  
2           under paragraph (1); and

3                   “(II) the Federal Director of that  
4                   Office approves the request; and

5                   “(ii) in the case of a waiver under  
6                   subparagraph (A), (B), or (C) of para-  
7                   graph (1), the contract includes the re-  
8                   quirements described in subparagraph  
9                   (B)(ii), which—

10                   “(I) in the case of a waiver under  
11                   subparagraph (A) of that paragraph,  
12                   shall be required to be implemented  
13                   prior to occupancy of the building or  
14                   space in the building by the Federal  
15                   agency; and

16                   “(II) in the case of a waiver  
17                   under subparagraph (B) or (C) of  
18                   that paragraph, shall be required to  
19                   be implemented not later than 1 year  
20                   after the Federal agency signs the  
21                   contract.

22           “(B) CONTRACT REQUIREMENTS.—

23                   “(i)           DEFINITION           OF  
24                   NONBENCHMARKED SPACE.—In this sub-  
25                   paragraph, the term ‘nonbenchmark

1 space’ means a building or space in a  
2 building for which owners cannot access  
3 whole building utility consumption data,  
4 including buildings—

5 “(I) that are located in States  
6 that do not require utilities to provide,  
7 and utilities do not provide, such ag-  
8 gregated information to multitenant  
9 building owners; and

10 “(II) the tenants of which do not  
11 provide energy consumption informa-  
12 tion to the commercial building owner  
13 in response to a request from that  
14 owner.

15 “(ii) REQUIREMENTS.—The require-  
16 ments referred to in subparagraph (A)(ii)  
17 are the following:

18 “(I) The building or space in a  
19 building—

20 “(aa) meets the requirement  
21 described in subsection (b)(1)(A);  
22 or

23 “(bb) is renovated for all  
24 feasible energy efficiency and  
25 conservation improvements that

1 will be cost effective over the life  
2 of the lease (including any nego-  
3 tiated optional extensions or re-  
4 newals of the lease), including  
5 improvements in lighting, win-  
6 dows, heating, ventilation, and  
7 air conditioning systems and con-  
8 trols.

9 “(II) The building or space in a  
10 building is—

11 “(aa) benchmarked under a  
12 nationally recognized, online, and  
13 free benchmarking program, and  
14 the benchmark is publicly dis-  
15 closed; or

16 “(bb) a nonbenchmarkd  
17 space.

18 “(III) In the case of a building  
19 or space in a building that is a  
20 nonbenchmarkd space, the Federal  
21 agency provides to the building owner,  
22 or authorizes the owner to obtain  
23 from the utility, the energy consump-  
24 tion data of the space to enable  
25 benchmarking of the building.

1           “(C) INCORPORATION OF ASSISTANCE INTO  
2 LEASE.—In the case of a contract to lease  
3 space that receives a waiver under paragraph  
4 (1)(A), the Administrator may—

5           “(i) include in the relevant lease pro-  
6 curement documents a statement about the  
7 availability of financial incentives and tech-  
8 nical assistance under the pilot program  
9 established under subsection (g); or

10           “(ii)(I) incorporate into the terms of  
11 the lease with the lessor any financial in-  
12 centive or technical assistance provided to  
13 that lessor under that pilot program; and

14           “(II) if subclause (I) is carried  
15 out, extend the deadline required  
16 under subparagraph (A)(ii)(I).

17       “(d) REVISION OF FEDERAL REGULATIONS.—Not  
18 later than 1 year after the date of enactment of the Fed-  
19 eral Building Clean Jobs Act of 2021, the Administrator  
20 shall revise Part 102–73(c) of the Federal Management  
21 Regulation and Part 570 of the General Services Adminis-  
22 tration Acquisition Manual, as appropriate, to reflect the  
23 requirements of this section.

24       “(e) REPORT.—The Administrator shall annually  
25 publish on the website of the General Services Administra-



1 tion a report on the aggregate compliance of all leased  
2 buildings and spaces in buildings held by the General  
3 Services Administration with the most recent version of  
4 the Guiding Principles for Sustainable Federal Buildings.

5 “(f) COMPLIANCE IMPROVEMENT.—Not later than  
6 180 days after the date of enactment of the Federal Build-  
7 ing Clean Jobs Act of 2021, the Administrator shall de-  
8 velop and implement a policy to improve lessor compliance  
9 with energy efficiency provisions of leases, including by  
10 considering a variety of approaches.

11 “(g) INCENTIVE PILOT PROGRAM.—

12 “(1) IN GENERAL.—The Administrator shall es-  
13 tablish a pilot program to provide financial incen-  
14 tives for lessors to achieve an Energy Star label  
15 under the Energy Star program established by sec-  
16 tion 324A of the Energy Policy and Conservation  
17 Act (42 U.S.C. 6294a) in a building—

18 “(A) in which space is leased to a Federal  
19 agency; and

20 “(B)(i) in which the total space leased by  
21 the Federal Government is less than 50 percent  
22 of the leasable space of the building;

23 “(ii) that is of historical, architec-  
24 tural, or cultural significance (as defined

1 in section 3306(a) of title 40, United  
2 States Code); or

3 “(iii) for which a waiver is granted  
4 under subsection (c)(1)(A).

5 “(2) DIVERSITY.—In carrying out paragraph  
6 (1), the Administrator shall ensure—

7 “(A) a diversity in the buildings and  
8 spaces owned by lessors provided financial as-  
9 sistance under that paragraph, including build-  
10 ings with multiple, separate leases that individ-  
11 ually do not trigger requirements under this  
12 Act; and

13 “(B) geographical diversity, including the  
14 representation of rural areas.

15 “(3) TECHNICAL ASSISTANCE.—The Adminis-  
16 trator may provide technical assistance, directly or  
17 through contracts, to lessors receiving financial as-  
18 sistance under paragraph (1).

19 “(4) AUTHORIZATION OF APPROPRIATIONS.—  
20 There is authorized to be appropriated to the Ad-  
21 ministrator \$50,000,000 to carry out this sub-  
22 section, to remain available until expended.”.

23 (b) REPORT ON REALTY SERVICES.—Section 102(b)  
24 of the Better Buildings Act of 2015 (42 U.S.C. 17062(b))  
25 is amended by adding at the end the following:

1           “(5) REPORT.—Not later than 180 days after  
2 the date of enactment of the Federal Building Clean  
3 Jobs Act of 2021, the Administrator shall submit to  
4 Congress, and make publicly available on the website  
5 of the General Services Administration, a report on  
6 the implementation of paragraph (3), including—

7           “(A) the results of the policies and prac-  
8 tices described in that paragraph, including the  
9 number of leases implementing the measures  
10 described in that paragraph;

11           “(B) a description of any barriers to  
12 achieving greater energy and water efficiency;  
13 and

14           “(C) recommendations to address those  
15 barriers.”.

16 **SEC. 3. ENERGY AND WATER EFFICIENCY, NET-ZERO, AND**  
17 **ZERO EMISSION VEHICLE INFRASTRUCTURE**  
18 **GOALS.**

19           (a) IN GENERAL.—Part 3 of Title V of the National  
20 Energy Conservation Policy Act (Public Law 96–619; 92  
21 Stat. 3277; 42 U.S.C. 8251 et seq.) is amended by adding  
22 after section 543 the following:

1 **“SEC. 543a. 2030 ENERGY AND WATER EFFICIENCY GOALS.**

2       “(a) ESTABLISHMENT.—Subject to subsections (b),  
3 (c), and (d), the head of each agency shall, for each of  
4 fiscal years 2021 through 2030—

5           “(1) reduce average building energy intensity  
6 (as measured in British thermal units per gross  
7 square foot) at the Federal facilities of the agency  
8 by 2.5 percent each fiscal year so that the average  
9 building energy intensity of such facilities is reduced  
10 by 25 percent or greater by 2030, relative to the av-  
11 erage building energy intensity of the Federal facili-  
12 ties of the agency in fiscal year 2018;

13           “(2) improve water use efficiency and manage-  
14 ment at Federal facilities of the agency by reducing  
15 average potable water consumption intensity (as  
16 measured in gallons per gross square foot)—

17           “(A) by 54 percent by fiscal year 2030,  
18 relative to the average water consumption of  
19 the Federal facilities of the agency in fiscal year  
20 2007; and

21           “(B) through reductions of 2 percent each  
22 fiscal year;

23           “(3) reduce industrial, landscaping, and agricul-  
24 tural water consumption at Federal facilities of the  
25 agency (as measured in gallons)—

1           “(A) by 20 percent by fiscal year 2030,  
2           relative to the industrial, landscaping, and agri-  
3           cultural water consumption of Federal facilities  
4           of the agency in fiscal year 2018; and

5           “(B) through reductions of 2 percent each  
6           fiscal year; and

7           “(4) to the maximum extent practicable, carry  
8           out paragraphs (1) through (3) in a manner that is  
9           lifecycle cost effective.

10          “(b) ENERGY AND WATER INTENSIVE FACILITY EX-  
11          CLUSIONS.—

12           “(1) IN GENERAL.—An agency may exclude  
13           from the requirements under paragraph (1) or (2) of  
14           subsection (a), as applicable, any Federal facility of  
15           the agency in which energy- or water-intensive ac-  
16           tivities are carried out.

17           “(2) REPORT.—Each agency shall include in  
18           each report submitted to the Secretary of Energy  
19           under section 548(a) of the National Energy Con-  
20           servation Policy Act (42 U.S.C. 8258(a)) a list iden-  
21           tifying each Federal facility of the agency excluded  
22           under paragraph (1) and a statement of whether the  
23           exclusion is on the basis of energy-intensive activi-  
24           ties, water-intensive activities, or both energy- and  
25           water-intensive activities.

1       “(c) ALTERNATIVE METRIC FOR MEASURING POTABLE WATER CONSUMPTION INTENSITY.—

2  
3               “(1) IN GENERAL.—The Administrator of General Services, in consultation with the Secretary of Energy and the Secretary of Defense, may develop for use by agencies an alternative metric for measuring potable water consumption intensity under subsection (a)(2), including by using occupancy, building use type, or other attributes relevant to potable water use and potential for efficiency.

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10              “(2) ORIGINAL METRIC.—If the Administrator develops an alternative metric under paragraph (1), agencies shall not cease tracking and reporting potable water consumption intensity in gallons per gross square foot.

11  
12              “(d) DEFINITION.—The term ‘facility’ shall have the meaning established in section 543(f)(1)(C) of this title.

13              “(e) REQUIREMENTS.—Agencies shall meet these goals with any combination of appropriated funding, including operations and maintenance funding, and non-federal sources of financing such as public-private partnerships including through energy savings performance contracts and other performance guaranteed mechanisms.

14       **“SEC. 543b. NET-ZERO GOALS.**

15              “(a) DEFINITIONS.—In this section:

1           “(1) ALLOWED CARBON OFFSET.—The term  
2           ‘allowed carbon offset’ means an allowed carbon off-  
3           set as defined by the Federal Director of the Office  
4           of Federal High-Performance Green Buildings, in  
5           consultation with the Administrator of the Environ-  
6           mental Protection Agency.

7           “(2) ALLOWED OFFSITE RENEWABLE ENERGY  
8           SOURCE.—The term ‘allowed offsite renewable en-  
9           ergy source’ means an allowed offsite renewable en-  
10          ergy source as defined by the Federal Director of  
11          the Office of Federal High-Performance Green  
12          Buildings, in consultation with the Administrator of  
13          the Environmental Protection Agency—

14                 “(A) including requirements for district  
15                 energy systems, community sources, and pur-  
16                 chase options; and

17                 “(B) taking into consideration an effi-  
18                 ciency-first strategy, optimization of carbon im-  
19                 pact, and ensuring accountability.

20          “(3) NET-ZERO CARBON.—

21                 “(A) IN GENERAL.—The term ‘net-zero  
22                 carbon’ means, with respect to a highly energy-  
23                 efficient building (as determined by the Federal  
24                 Director of the Office of Federal High-Perform-  
25                 ance Green Buildings in consultation with the

1 Administrator of the Environmental Protection  
2 Agency) or group of highly energy-efficient  
3 buildings, a building or group of buildings of  
4 which, for not less than 1 year, the carbon  
5 emissions resulting from building operations, as  
6 described in subparagraph (B), are equal to or  
7 less than the carbon emissions reduced through  
8 renewable energy or project offsets, as described  
9 in subparagraph (C).

10 “(B) CARBON EMISSIONS FROM BUILDING  
11 OPERATIONS.—Carbon emissions resulting from  
12 building operations—

13 “(i) shall include carbon related to en-  
14 ergy consumption from onsite and offsite  
15 sources; and

16 “(ii) may include other sources of  
17 emissions, such as occupant transpor-  
18 tation, water, waste, refrigerants, and em-  
19 bodied carbon of materials.

20 “(C) CARBON EMISSIONS REDUCED OR  
21 OFFSET.—Carbon emissions reduced or offset—

22 “(i) shall include carbon associated  
23 with exports of renewable energy generated  
24 on site and substantiated with ownership  
25 of renewable energy certificates; and



1           “(ii) may include allowed offsite re-  
2           newable energy sources substantiated with  
3           renewable energy certificates and allowed  
4           carbon offsets.

5           “(4) NET-ZERO ENERGY.—

6           “(A) IN GENERAL.—The term ‘net-zero en-  
7           ergy’ means, with respect to a highly energy-ef-  
8           ficient building (as determined by the Federal  
9           Director of the Office of Federal High-Perform-  
10          ance Green Buildings), a building for which, on  
11          a source energy basis, the annual delivered en-  
12          ergy is less than or equal to the sum obtained  
13          by adding the onsite renewable exported energy  
14          and the allowed offsite renewable energy  
15          sources, which shall be substantiated with re-  
16          newable energy certificates.

17          “(B) INCLUSION.—A highly energy-effi-  
18          cient building is net-zero energy if it is located  
19          within a group of buildings for which, when  
20          treated as a unit, on a source energy basis, the  
21          annual delivered energy is less than or equal to  
22          the sum obtained by adding the onsite renew-  
23          able exported energy and the allowed offsite re-  
24          newable energy sources, which shall be substan-  
25          tiated with renewable energy certificates.

1           “(5) NET-ZERO WASTE BUILDING.—Unless oth-  
2           erwise defined by the Federal Director of the Office  
3           of Federal High-Performance Green Buildings, the  
4           term ‘net-zero waste building’ means a building op-  
5           erated to reduce, reuse, recycle, compost, or recover  
6           solid waste streams that result in zero waste dis-  
7           posal to landfills or incinerators (except for haz-  
8           ardous and medical waste).

9           “(6) NET-ZERO WATER BUILDING.—

10           “(A) IN GENERAL.—Unless otherwise de-  
11           fined by the Federal Director of the Office of  
12           Federal High-Performance Green Buildings, the  
13           term ‘net-zero water building’ means a building  
14           that—

15                   “(i) maximizes alternative water  
16                   sources;

17                   “(ii) minimizes wastewater discharge;  
18                   and

19                   “(iii) returns water to the original  
20                   water source such that, for a 1-year pe-  
21                   riod, the water consumption volume is  
22                   equivalent to the sum obtained by adding  
23                   the volume of alternative water use and the  
24                   water returned to the original source dur-  
25                   ing that 1-year period.

1           “(B) INCLUSION.—A building is a net-zero  
2           water building if it is located within a group of  
3           buildings that, when treated as a unit, meet the  
4           requirements described in clauses (i) through  
5           (iii) of subparagraph (A).

6           “(7) SCOPE 1 GREENHOUSE GAS EMISSIONS.—  
7           The term ‘scope 1 greenhouse gas emissions’ means  
8           direct emissions from sources that are owned or con-  
9           trolled by the Federal agency, that cover the fol-  
10          lowing activities:

11                   “(A) Generation of electricity.

12                   “(B) Cooling or steam.

13                   “(C) Mobile sources.

14                   “(D) Fugitive emissions.

15                   “(E) Process emissions.

16           “(8) SCOPE 2 GREENHOUSE GAS EMISSIONS.—  
17           The term ‘scope 2 greenhouse gas emissions’ means  
18           indirect emissions resulting from the generation of  
19           electricity, heat, or steam purchased by a Federal  
20           agency.

21           “(b) ESTABLISHMENT.—Subject to subsection (c),  
22           the head of each agency shall—

23                   “(1) for each of fiscal years 2021 through  
24                   2030, reduce aggregate portfolio-wide scope 1 green-  
25                   house gas emissions and scope 2 greenhouse gas

1 emissions (as measured in MTCO<sub>2</sub>-equivalents) at  
2 Federal facilities of the agency by at least 4 percent  
3 each fiscal year, so that the aggregate portfolio-wide  
4 scope 1 greenhouse gas emissions and scope 2 green-  
5 house gas emissions are reduced by not less than 40  
6 percent by fiscal year 2030 relative to the aggregate  
7 portfolio-wide scope 1 greenhouse gas emissions and  
8 scope 2 greenhouse gas emissions at Federal facili-  
9 ties of the agency in fiscal year 2018; and

10 “(2) ensure that, in the case of the construction  
11 of a new Federal facility with more than 10,000  
12 gross square feet and with an estimated total ex-  
13 penditure in excess of \$1,500,000—

14 “(A) which is included, in part or in whole,  
15 in an appropriation for fiscal years 2021  
16 through 2025, not less than 50 percent of cu-  
17 mulative gross floor area and not less than 25  
18 percent of cumulative building projects are de-  
19 signed to perform as net-zero energy buildings  
20 in operation, and, if feasible, net-zero carbon  
21 buildings, net-zero water buildings, and net-zero  
22 waste buildings;

23 “(B) which is included, in part or in whole,  
24 in an appropriation for fiscal years 2026  
25 through 2030, not less than 90 percent of cu-

1 cumulative gross floor area and not less than 45  
2 percent of cumulative building projects are de-  
3 signed to perform as net-zero energy buildings  
4 in operation and, if feasible, net-zero carbon  
5 buildings, net-zero water buildings, and net-zero  
6 waste buildings; and

7 “(C) which is included, in part or in whole,  
8 in an appropriation for fiscal year 2031 or any  
9 fiscal year thereafter, not less than 100 percent  
10 of cumulative gross floor area and not less than  
11 100 percent of cumulative building projects are  
12 designed to perform as net-zero energy build-  
13 ings in operation and, if feasible, net-zero car-  
14 bon buildings, net-zero water buildings, and  
15 net-zero waste buildings.

16 “(c) BUILDING EXCLUSION.—

17 “(1) IN GENERAL.—An agency may exclude  
18 from the requirements of subsection (b)(2) any new  
19 Federal facility of the agency for which net-zero en-  
20 ergy is technically infeasible.

21 “(2) REPORT.—The agency shall include in the  
22 report submitted to the Secretary of Energy under  
23 section 548(a) of the National Energy Conservation  
24 Policy Act (42 U.S.C. 8258(a)) a list identifying

1 each Federal facility of the agency excluded under  
2 paragraph (1).

3 “(d) INNOVATIVE BUILDING TECHNOLOGIES.—In  
4 carrying out subsection (b), each agency may use lifecycle  
5 cost effective (including the cost of carbon) innovative  
6 building technologies, including onsite energy storage, all-  
7 electric buildings, building-grid integration technologies,  
8 electric construction vehicles, and other technologies, in-  
9 cluding demonstration testing of technologies to achieve  
10 net-zero energy and net-zero carbon buildings in new con-  
11 struction and retrofit projects.

12 “(e) RELATIONSHIP TO ENERGY AND WATER EFFI-  
13 CIENCY GOALS.—In implementing projects to meet green-  
14 house gas emissions reductions under this section, agen-  
15 cies are encouraged to pursue comprehensive projects that  
16 address the energy and water efficiency goals established  
17 in section 543a in order to maximize results and decrease  
18 redundancy.

19 **“SEC. 543c. DEEP ENERGY RETROFIT GOALS.**

20 “(a) DEFINITION OF DEEP ENERGY RETROFIT  
21 PROJECT.—In this section, the term ‘deep energy retrofit  
22 project’ means a project that—

23 “(1) reduces the energy consumption of a Fed-  
24 eral facility by not less than 35 percent as compared

1 to the energy consumption of the facility before the  
2 project;

3 “(2) moves a Federal facility toward net-zero  
4 energy (as defined in section 543b); and

5 “(3) may include water efficiency and distrib-  
6 uted energy resources.

7 “(b) ESTABLISHMENT.—Subject to the availability of  
8 appropriated funds, the head of each agency shall, for each  
9 of fiscal years 2021 through 2030, obligate funds for deep  
10 energy retrofit projects that, in total, are carried out at  
11 not less than 3 percent of the Federal facilities of the  
12 agency, which shall represent not less than 5 percent of  
13 the total square footage of all Federal facilities of the  
14 agency.

15 “(c) RENOVATIONS.—The head of each agency  
16 shall—

17 “(1) seek to coordinate deep energy retrofit  
18 projects with other building renovations and capital  
19 projects; and

20 “(2) in conducting preplanning for a prospec-  
21 tive capital project, evaluate the appropriateness,  
22 and the costs and benefits, of including a deep en-  
23 ergy retrofit project.

1 **“SEC. 543d. ZERO EMISSION VEHICLE INFRASTRUCTURE**  
2 **GOALS.**

3 “(a) COVERED AGENCIES.—For purposes of this sec-  
4 tion, ‘covered agencies’ shall mean the U.S. General Serv-  
5 ices Administration, the Department of Defense, the De-  
6 partment of Homeland Security, and the Veteran’s Ad-  
7 ministration.

8 “(b) ANNUAL GOALS.—The head of each covered  
9 agency shall—

10 “(1) develop annual goals for deployment of  
11 zero emission vehicle infrastructure, including elec-  
12 tric vehicle supply equipment, at Federal facilities of  
13 the agency such that by December 31, 2030, at least  
14 50 percent of Federal facilities of the agency with  
15 200 or more daily employees and visitors offer zero  
16 emission vehicle charging or fueling; and

17 “(2) develop guidance to ensure progress to-  
18 wards those annual goals.

19 “(c) PLAN.—Each covered agency shall prepare a de-  
20 tailed plan—

21 “(1) to achieve the goals described in subsection  
22 (b)(1);

23 “(2) that identifies particular facilities or cam-  
24 puses of the agency as priority facilities or cam-  
25 puses, as applicable, at which to achieve those goals,  
26 including by considering demand for zero emission



1 vehicle charging and fueling, locations of zero emis-  
2 sion vehicle fleets, locations relevant to State zero  
3 emission vehicle charging and fueling needs, geo-  
4 graphical gaps in zero emission vehicle charging in-  
5 frastructure, availability of incentives, and other fac-  
6 tors; and

7 “(3) that includes a specific requirement that  
8 all applicable electric vehicle supply equipment saves  
9 energy, for which compliance with this requirement  
10 can only be met by purchasing electric vehicle supply  
11 equipment that is ENERGY STAR certified.

12 “(d) INCLUSION IN PROJECTS.—Each covered agency  
13 shall, to the maximum extent practicable, ensure that ap-  
14 propriate zero emission vehicle infrastructure, including  
15 electric vehicle supply equipment and electric vehicle infra-  
16 structure, are included in, with respect to a Federal facil-  
17 ity of the agency—

18 “(1) any prospectus or requested appropriation  
19 for a construction, alteration, or lease project;

20 “(2) any prospectus or requested appropriation  
21 for an alteration of a leased building;

22 “(3) any contract for parking lot paving or re-  
23 paving; and

24 “(4) any other appropriate project.

1       “(e) REPORT.—Beginning not later than 2 years  
2 after the date of enactment of this section, the head of  
3 each covered agency shall include in the agency’s annual  
4 sustainability report and implementation plan information  
5 describing the progress made in meeting the goals de-  
6 scribed in subsection (b)(1).”.

7       (b) UTILITY INCENTIVE PROGRAMS.—Section  
8 546(c)(1) of the National Energy Conservation Policy Act  
9 (42 U.S.C. 8256(c)(1)) is amended by inserting “(includ-  
10 ing measures to support the use of zero emission vehicles  
11 (as such term is defined section 400AA(g) of the Energy  
12 Policy and Conservation Act (42 U.S.C. 6374(g)) or the  
13 fueling or charging infrastructure necessary for such vehi-  
14 cles)” after “demand”.

15       (c) ENERGY SAVINGS PERFORMANCE CONTRACTS.—

16           (1) AUTHORITY TO ENTER CONTRACTS.—Sec-  
17 tion 801(a)(2)(B) of the National Energy Conserva-  
18 tion Policy Act (42 U.S.C. 8287(a)(2)(B)) is amend-  
19 ed in the first sentence by inserting “or petroleum”  
20 after “utilities”.

21           (2) PAYMENT OF COSTS.—Section 802 of the  
22 National Energy Conservation Act (42 U.S.C.  
23 8287a) is amended by inserting “petroleum,” after  
24 “water,”.

1           (3) DEFINITIONS.—Section 804 of the National  
2 Energy Conservation Policy Act (42 U.S.C. 8287e)  
3 is amended—

4           (A) in paragraph (2)—

5                 (i) in subparagraph (D) by striking “;  
6 and” and inserting a semicolon;

7                 (ii) in subparagraph (E) by striking  
8 the period and inserting “; or”; and

9                 (iii) by adding at the end the fol-  
10 lowing:

11                 “(F) a reduction in the use of petroleum  
12 through the use of zero emission vehicles or the  
13 fueling or charging infrastructure necessary for  
14 zero emission vehicles, including the use of con-  
15 tracts to support zero emission vehicles or in-  
16 frastructure.”;

17           (B) in paragraph (4)—

18                 (i) in subparagraph (A) by striking “;  
19 or” and inserting a semicolon;

20                 (ii) in subparagraph (B) by striking  
21 the period and inserting “; or” ; and

22                 (iii) by adding at the end the fol-  
23 lowing:

24                 “(C) a measure to support the use of zero  
25 emission vehicles or the fueling or charging in-

1           frastructure necessary for zero emission vehi-  
2           cles, including the use of contracts to support  
3           zero emission vehicles or infrastructure.”; and

4                           (C) by adding at the end the following:

5                           “(5) ZERO EMISSION VEHICLE.—The term ‘zero  
6           emission vehicle’ has the meaning given such term in  
7           section 5312(e)(6) of title 49, United States Code.”.

8           (d) AUTHORIZATION OF APPROPRIATIONS AND PRI-  
9           ORITY.—

10                   (1) There is authorized to be appropriated an-  
11           nually to the General Services Administration  
12           \$205,000,000, to remain available until expended, to  
13           carry out sections 543b and 543c of Part 3 of Title  
14           V of the National Energy Conservation Policy Act  
15           (Public Law 96–619; 92 Stat. 3277; 42 U.S.C. 8251  
16           et seq.).

17                   (2) There is authorized to be appropriated an-  
18           nually to the Department of Energy  
19           \$4,098,000,000, to remain available until expended,  
20           to provide grants under the authority of 42 U.S.C.  
21           8256(b) to agencies to carry out sections 543b and  
22           543c of Part 3 of Title V of the National Energy  
23           Conservation Policy Act (Public Law 96–619; 92  
24           Stat. 3277; 42 U.S.C. 8251 et seq.).

1           (3) Agencies may use such funds as may be ap-  
2           propriated pursuant to paragraphs (1) and (2)—

3                   (A) to initiate projects to enable agency  
4                   progress towards goals established in sections  
5                   543b and 543c of Part 3 of Title V of the Na-  
6                   tional Energy Conservation Policy Act;

7                   (B) to supplement project funding from  
8                   other appropriations and private sources to  
9                   achieve greater energy and water efficiency and  
10                  greenhouse gas emission reductions beyond  
11                  those achievable under cost-effective and min-  
12                  imum efficiency requirements;

13                  (C) in conjunction with energy efficiency  
14                  projects or at highly efficient facilities, for on-  
15                  site, campus, or community renewable energy  
16                  and energy storage and other approaches to re-  
17                  duce total carbon footprints of Federal facili-  
18                  ties, including groups of facilities;

19                  (D) to achieve embodied carbon reductions  
20                  on new construction and major renovation  
21                  projects; and

22                  (E) for the cost of additional employees,  
23                  contractors, and training needed to support  
24                  those goals.

25           (4) PRIVATE SECTOR PRIORITY FUNDING.—

1 (A) IN GENERAL.—In carrying out sections  
2 543a, 543b, and 543c of Part 3 of Title V of  
3 the National Energy Conservation Policy Act,  
4 each agency shall prioritize—

5 (i) projects using performance con-  
6 tracting;

7 (ii) projects using public-private part-  
8 nerships which include a performance com-  
9 ponent that ensures effective use of funds,  
10 lasting energy and cost savings; and

11 (iii) projects in which Federal funds  
12 will be used to leverage private sector fi-  
13 nancing,

14 on the basis of analysis that ensures a max-  
15 imum beneficial use of private finance for the  
16 project.

17 (B) GOAL.—Each agency shall establish  
18 annual goals for the investment value of per-  
19 formance contracting and other public-private  
20 partnerships, provided that such goal shall be  
21 no less than 40 percent of funds appropriated  
22 under subsections (1) and (2).

23 (5) AUTHORIZATION OF APPROPRIATION FOR  
24 ZERO EMISSION VEHICLE INFRASTRUCTURE.—

1           (A) There is authorized to be appropriated  
2           to the General Services Administration  
3           \$35,000,000, to remain available until expended  
4           to carry out section 543d of Part 3 of Title V  
5           of the National Energy Conservation Policy Act  
6           (Public Law 96–619; 92 Stat. 3277; 42 U.S.C.  
7           8251 et seq.). The Administration is encour-  
8           aged to use funds to leverage private sector fi-  
9           nancing if doing so is advantageous to the Fed-  
10          eral Government.

11          (B) There is authorized to be appropriated  
12          to the Department of Energy \$65,000,000, to  
13          remain available until expended to provide  
14          grants under the authority of section 546(b) of  
15          the National Energy Conservation Policy Act  
16          (42 U.S.C. 8256(b)) to covered agencies to  
17          carry out section 543d of Part 3 of Title V of  
18          the National Energy Conservation Policy Act  
19          (Public Law 96–619; 12 92 Stat. 3277; 42  
20          U.S.C. 8251 et seq.). The Department and cov-  
21          ered agencies are encouraged to use funds to le-  
22          verage private sector financing if doing so is ad-  
23          vantageous to the Federal Government.

24          (e) CLERICAL AMENDMENT.—The table of contents  
25          for Part 3 of Title V of the National Energy Conservation

1 Policy Act (Public Law 96–619; 92 Stat. 3277; 42 U.S.C.  
 2 8251 et seq.) is amended by adding after the item relating  
 3 to section 543 the following:

“Sec. 543a. Energy and water efficiency goals.

“Sec. 543b. Net-zero goals.

“Sec. 543c. Deep energy retrofit goals.

“Sec. 543d. Zero emission vehicle infrastructure goals.”.

4 **SEC. 4. FEDERAL BUILDING IMPROVEMENTS.**

5 Section 543(f)(4) of title V of the National Energy  
 6 Conservation Policy Act (42 U.S.C. 8253(f)(4)) is amend-  
 7 ed—

8 (1) by redesignating subparagraph (B) as sub-  
 9 paragraph (C);

10 (2) by inserting after subparagraph (A) the fol-  
 11 lowing:

12 “(B) **ADDITIONAL ENERGY EFFICIENCY**  
 13 **IMPROVEMENTS.**—The head of each agency  
 14 shall carry out additional energy efficiency im-  
 15 provements to Federal facilities of the agency,  
 16 including—

17 “(i) actionable energy projects identi-  
 18 fied in an evaluation completed under  
 19 paragraph (3) prior to passage of the En-  
 20 ergy Act of 2020 and that are life-cycle  
 21 cost-effective;

22 “(ii) additional measures to support  
 23 the goals of each of sections 543a through



1 543d of the Energy Independence and Se-  
2 curity Act of 2007 (Public Law 110–140);

3 “(iii) additional measures to support  
4 activities under section 543e of the Energy  
5 Independence and Security Act of 2007  
6 (Public Law 110–140); and

7 “(iv) combining projects to reduce  
8 cost, administration, or implementation  
9 time, or otherwise add value.”; and

10 (3) in subparagraph (C) (as so redesignated) by  
11 striking “under subparagraph (A)(i)” and inserting  
12 “under subparagraphs (A)(i) and (B)(i)”.

13 **SEC. 5. RESILIENT AND HEALTHY BUILDINGS.**

14 (a) IN GENERAL.—Part 3 of Title V of the National  
15 Energy Conservation Policy Act (Public Law 96–619; 92  
16 Stat. 3277; 42 U.S.C. 8251 et seq.) (as amended by sec-  
17 tion 3(a)) is further amended by adding at the end the  
18 following:

19 **“SEC. 543e. RESILIENT AND HEALTHY BUILDINGS.**

20 “(a) DEFINITIONS.—In this section:

21 “(1) FLOOD RISK AREA.—

22 “(A) IN GENERAL.—Subject to subpara-  
23 graph (B), the term ‘flood risk area’ means—

1                   “(i) an area delineated by an elevation  
2                   of 2 feet above the 100-year floodplain;  
3                   and

4                   “(ii) an area delineated by an ele-  
5                   vation equal to the 500-year floodplain.

6                   “(B) CLIMATE SCIENCE.—In applying the  
7                   definition of the term ‘flood risk area’ for pur-  
8                   poses of carrying out this section, the head of  
9                   each agency, other than the Department of De-  
10                  fense, shall consider current climate science in  
11                  identifying the elevation of the 100-year and  
12                  500-year floodplain.

13                  “(2) RESILIENCE.—The term ‘resilience’ means  
14                  the ability to adapt to changing conditions and with-  
15                  stand and rapidly recover from disruption due to an  
16                  emergency.

17                  “(b) FLOOD PROTECTION.—For any Federal build-  
18                  ing construction or rehabilitation project administered by  
19                  an agency other than the Department of Defense, the  
20                  agency shall—

21                  “(1) determine whether there is a flood risk  
22                  area in the location of the project; and

23                  “(2) in the case of a positive determination  
24                  under paragraph (1)—

1           “(A) to the extent possible, avoid new con-  
2           struction in the flood risk area; and

3           “(B) if new construction cannot be avoided  
4           under subparagraph (A)—

5                   “(i) ensure that the new construction  
6           will—

7                           “(I) raise all essential services 5  
8                           feet above the applicable floodplain;  
9                           and

10                           “(II) include a design for quick  
11                           recovery in a flooding event;

12                           “(ii) rehabilitate existing buildings lo-  
13                           cated in the flood risk area to better with-  
14                           stand flood risk; and

15                           “(iii) develop a flood vulnerability as-  
16                           sessment and mitigation plan to protect  
17                           life and property.

18           “(c) RESILIENCE METRICS.—The head of each agen-  
19           cy shall—

20                   “(1) pilot test metrics to measure and improve  
21                   the resilience of Federal facilities of the agency, in-  
22                   cluding the physical aspects of the facilities, the  
23                   health and wellness of occupants of the facilities,  
24                   and communities and systems serving or served by  
25                   the facilities; and

1           “(2) in carrying out paragraph (1), consider  
2           emerging resilience tools and rating systems for re-  
3           silience, including building-grid optimization.

4           “(d) GREEN INFRASTRUCTURE.—Each agency shall  
5           prioritize the use of appropriate green infrastructure fea-  
6           tures on federally owned property of the agency—

7           “(1) to improve stormwater and wastewater  
8           management;

9           “(2) to alleviate onsite and offsite flooding and  
10          water quality impacts; and

11          “(3) to reduce and mitigate risks of climate  
12          change to Federal facilities and proximate commu-  
13          nities.

14          “(e) OPERATING BUILDINGS FOR HEALTH.—

15          “(1) METRICS AND DATA.—The Federal Direc-  
16          tor of the Office of Federal High-Performance Green  
17          Buildings shall—

18                 “(A) implement human-centric metrics and  
19                 measurement tools to improve the indoor envi-  
20                 ronmental qualities, including air and water  
21                 quality, that support improved health and  
22                 wellness of Federal employees; and

23                 “(B) collect, manage, and analyze the data  
24                 generated by the metrics and tools implemented  
25                 under subparagraph (A).

1           “(2) STRATEGIC PLAN.—Not later than 1 year  
2 after the date of enactment of the Federal Building  
3 Clean Jobs Act of 2021, the Federal Director of the  
4 Office of Federal High-Performance Green Buildings  
5 shall develop and make publicly available a strategic  
6 plan for the design, construction, and operation of  
7 Federal facilities that—

8           “(A) is based on the data described in  
9 paragraph (1)(B);

10           “(B) provides for implementation of pri-  
11 ority practices by the end of fiscal year 2022;  
12 and

13           “(C) may provide for phased implementa-  
14 tion of additional effective practices.

15           “(3) ADMINISTRATION.—In carrying out para-  
16 graphs (1) and (2), the Federal Director of the Of-  
17 fice of Federal High-Performance Green Buildings  
18 shall—

19           “(A) consider emerging occupant-centric  
20 environmental health monitoring tools and  
21 building control systems for improved health  
22 and wellness, including approaches such as  
23 measurement of accumulated daily circadian  
24 light dosage, surveys of occupant satisfaction  
25 and perceptions, assessments of physical activ-

1           ity, social interaction, and mobility, and meas-  
2           urement of reduced exposure to contaminants  
3           in air and drinking water;

4           “(B) incorporate strategies to reduce risk  
5           of transmission of viruses and other pathogens;  
6           and

7           “(C)(i) benchmark health and well-being  
8           management performance to leadership stand-  
9           ards; and

10           “(ii) include in certification activities  
11           the strategies and performance measures  
12           considered and used under this subsection  
13           as tools to monitor and improve outcomes.

14           “(f) GUIDANCE; TRAINING.—The Federal Director of  
15           the Office of Federal High-Performance Green Buildings,  
16           may issue guidance and provide training to Federal agen-  
17           cies to implement the metrics and priority practices in-  
18           cluded in the Strategic Plan developed under subpara-  
19           graph (e)(2) of this section.

20           “(g) AUTHORIZATION OF APPROPRIATIONS.—There  
21           is authorized to be appropriated to the Federal Office of  
22           Federal High-Performance Green Buildings \$300,000,000  
23           to carry out this section, to remain available until ex-  
24           ended.”.

1 (b) CLERICAL AMENDMENT.—The table of contents  
2 for Part 3 of Title V of the National Energy Conservation  
3 Policy Act (Public Law 96–619; 92 Stat. 3277; 42 U.S.C.  
4 8251 et seq.) (as amended by section 3(b)) is further  
5 amended by adding after the item relating to section 543d  
6 the following:

“Sec. 543e. Resilient and healthy buildings.”.

7 **SEC. 6. CONTRACTS FOR FEDERAL PURCHASES OF EN-**  
8 **ERGY.**

9 (a) IN GENERAL.—Part 3 of title V of the National  
10 Energy Conservation Policy Act (42 U.S.C. 8251 et seq.)  
11 is amended by adding at the end the following new section:

12 **“SEC. 554. LONG-TERM CONTRACTS FOR ENERGY.**

13 “(a) IN GENERAL.—Notwithstanding section  
14 501(b)(1)(B) of title 40, United States Code, an agency  
15 may enter into a contract for the acquisition of energy  
16 generated and renewable energy certificates from renew-  
17 able energy sources or from cogeneration facilities cov-  
18 ering a period of not more than 30 years. In cases where  
19 a contract from a renewable energy source does not in-  
20 clude the associated renewable energy certificates, the  
21 General Services Administration may secure as part of the  
22 original contract the amount of replacement renewable en-  
23 ergy certificates for a period of equal term and quantity  
24 to match the energy procurement contract.

1       “(b) STANDARDIZED ENERGY PURCHASE AGREE-  
2 MENT.—Not later than 90 days after the date of enact-  
3 ment of this section, the Secretary, through the Federal  
4 Energy Management Program, shall publish a standard-  
5 ized energy purchase agreement, setting forth commercial  
6 terms and conditions, that agencies may use to acquire  
7 energy generated from renewable energy sources or from  
8 cogeneration facilities.

9       “(c) TECHNICAL ASSISTANCE.—The Secretary shall  
10 provide technical assistance to assist agencies in imple-  
11 menting this section.”.

12       (b) TABLE OF CONTENTS AMENDMENT.—The table  
13 of contents for such Act is amended by adding at the end  
14 of the items relating to such part 3 the following new item:

“Sec. 554. Long-term contracts for energy.”.

15 **SEC. 7. RECOMMENDATIONS.**

16       (a) DEFINITION OF ADMINISTRATOR.—In this sec-  
17 tion, the term “Administrator” means the Administrator  
18 of General Services, acting through the Federal Director  
19 of the Office of High-Performance Green Buildings.

20       (b) SUSTAINABILITY AND RESILIENCE.—The Admin-  
21 istrator, in consultation with the Secretary of Health and  
22 Human Services, the Secretary of Homeland Security, the  
23 Administrator of the Federal Emergency Management  
24 Agency, the Secretary of Veterans Affairs, the Adminis-  
25 trator of the Environmental Protection Agency, the Sec-



1   retary of Energy, and the Chair of the Council on Envi-  
2   ronmental Quality, shall develop recommendations for sus-  
3   tainability and resilience at hospitals and health care fa-  
4   cilities, including by—

5           (1) incorporating building and health sciences  
6           research related to health and wellness;

7           (2) identifying relevant metrics;

8           (3) prioritizing proven strategies;

9           (4) referencing, as appropriate, criteria in the  
10          Guiding Principles for Sustainable Federal Build-  
11          ings; and

12          (5) developing corresponding recommended con-  
13          tract provisions and other templates for use in pro-  
14          curement.

15          (c) COMPLIANCE WITH GUIDING PRINCIPLES FOR  
16          SUSTAINABLE FEDERAL BUILDINGS.—The Adminis-  
17          trator, in consultation with the Administrator of the Envi-  
18          ronmental Protection Agency, the Director of the Federal  
19          Energy Management Program, and the Chair of the Coun-  
20          cil on Environmental Quality, shall develop recommenda-  
21          tions for systems, including customized Energy Star Port-  
22          folio Manager fields and dashboards, for use by Federal  
23          facilities in tracking compliance and progress of new and  
24          existing buildings with the Guiding Principles for Sustain-  
25          able Federal Buildings, including by considering—

1           (1) campus, installation, and portfolio ap-  
2           proaches;

3           (2) suggested targets; and

4           (3) relevant metrics.

5           (d) STUDY ON FEDERAL BUILDINGS FUND LENDING  
6 PROGRAM.—Not later than 1 year after the date of enact-  
7 ment of this Act, the Administrator shall make publicly  
8 available a report that evaluates and describes the poten-  
9 tial efficacy, costs, and benefits of a program under which  
10 the Administrator would—

11           (1) borrow funds from the Federal Buildings  
12 Fund for building energy and water efficiency and  
13 resilience retrofits, including through projects that  
14 use funds to leverage private sector financing, in-  
15 cluding through energy savings performance con-  
16 tracts; and

17           (2) repay the Federal Buildings Fund from  
18 utility savings.

19           (e) ANNUAL REPORTING ON LEVERAGED PRIVATE  
20 FINANCING.—

21           (1) IN GENERAL.—Section 548(b)(5) of the Na-  
22 tional Energy Conservation Policy Act (42 U.S.C.  
23 8258(b)) is amended—

1 (A) in subparagraph (A) by striking “the  
2 status of” and all that follows through “author-  
3 ity” and inserting the following:

4 “the status of the energy savings performance contracts,  
5 utility energy service contracts, and other forms of public-  
6 private partnership contracts that leverage private sector  
7 financing for energy efficiency projects, of each agency,  
8 to the extent that the information is not duplicative of in-  
9 formation provided to the Secretary under a separate au-  
10 thority”;

11 (B) in subparagraph (D) by striking “;  
12 and” and inserting a semicolon;

13 (C) in subparagraph (E)(ii) by striking the  
14 period and inserting a semicolon; and

15 (D) by adding at the end the following:

16 “(F) information reported pursuant to  
17 subparagraphs (A) through (E) shall distin-  
18 guish among contract types;

19 “(G) the total estimated implementation  
20 costs and estimated lifecycle cost savings of out-  
21 standing energy conservation measures at facili-  
22 ties that meet the criteria described in section  
23 543(f)(2)(B) of the National Energy Conserva-  
24 tion Policy Act (42 U.S.C. 8253(f)(2)(B)); and

1           “(H) recommendations to increase the ag-  
2           gregate benefits and value provided to the agen-  
3           cy through public-private partnerships with re-  
4           spect to energy efficiency, renewable energy,  
5           and energy resilience.”.

6           (2) ANNUAL PLAN.—For each of fiscal years  
7           2021 through 2030, the head of each agency shall  
8           include a summary of the information described in  
9           Section 548(b)(5) of the National Energy Conserva-  
10          tion Policy Act (42 U.S.C. 8258(b)(5)) in the annual  
11          agency Sustainability Report and Implementation  
12          Plan.

13          (f) COORDINATION.—The heads of agencies are en-  
14          couraged to carry out this Act and the amendments made  
15          by this Act in collaboration with States, including by—

16               (1) sharing resources and providing technical  
17               advice to States regarding net-zero buildings and  
18               carbon reducing technologies;

19               (2) coordinating with multistate organizations  
20               on charging infrastructure technology, procurement,  
21               and strategic locations relating to zero-emission ve-  
22               hicles;

23               (3) allowing State officials to participate in ap-  
24               propriate training opportunities; and

- 1           (4) coordinating with States on renewable en-
- 2           ergy procurement benefitting a Federal facility and
- 3           local communities.

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