

**AMENDMENT TO H.R. 3221**  
**OFFERED BY MR. TERRY**

In title IX, at the end of Part 4 of subtitle A, add the following new section and make the necessary conforming amendments in the table of contents:

1 **SEC. 9053. GEOTHERMAL HEAT PUMP TECHNOLOGY ACCEL-**  
2 **ERATION PROGRAM.**

3 (a) Definitions- In this section:

4 (1) ADMINISTRATOR.—The term “Adminis-  
5 trator” means the Administrator of General Serv-  
6 ices.

7 (2) GENERAL SERVICES ADMINISTRATION FA-  
8 CILITY.—

9 (A) IN GENERAL.—The term “General  
10 Services Administration facility” means any  
11 building, structure, or facility, in whole or in  
12 part (including the associated support systems  
13 of the building, structure, or facility), that—

14 (i) is constructed (including facilities  
15 constructed for lease), renovated, or pur-  
16 chased, in whole or in part, by the Admin-  
17 istrator for use by the Federal Govern-  
18 ment; or

1 (ii) is leased, in whole or in part, by  
2 the Administrator for use by the Federal  
3 Government—

4 (I) except as provided in sub-  
5 clause (II), for a term of not less than  
6 5 years; or

7 (II) for a term of less than 5  
8 years, if the Administrator determines  
9 that use of cost-effective technologies  
10 and practices would result in the pay-  
11 back of expenses.

12 (B) INCLUSION.—The term “General Serv-  
13 ices Administration facility” includes any group  
14 of buildings, structures, or facilities described in  
15 subparagraph (A) (including the associated en-  
16 ergy-consuming support systems of the build-  
17 ings, structures, and facilities).

18 (C) EXEMPTION.—The Administrator may  
19 exempt from the definition of “General Services  
20 Administration facility” under this paragraph a  
21 building, structure, or facility that meets the re-  
22 quirements of section 543(c) of Public Law 95-  
23 619 (42 U.S.C. 8253(c)).

24 (b) Establishment—

1 (1) IN GENERAL.—The Administrator shall es-  
2 tablish a program to accelerate the use of geo-  
3 thermal heat pumps at General Services Administra-  
4 tion facilities.

5 (2) REQUIREMENTS.—The program established  
6 under this subsection shall—

7 (A) ensure centralized responsibility for  
8 the coordination of geothermal heat pump rec-  
9 ommendations, practices, and activities of all  
10 relevant Federal agencies;

11 (B) provide technical assistance and oper-  
12 ational guidance to applicable tenants to  
13 achieve the goal identified in subsection  
14 (c)(2)(B)(ii); and

15 (C) establish methods to track the success  
16 of Federal departments and agencies with re-  
17 spect to that goal.

18 (c) ACCELERATED USE OF GEOTHERMAL HEAT  
19 PUMP TECHNOLOGIES.—

20 (1) REVIEW.—

21 (A) IN GENERAL.—As part of the program  
22 under this section, not later than 90 days after  
23 the date of enactment of this Act, the Adminis-  
24 trator shall conduct a review of—

1 (i) current use of geothermal heat  
2 pump technologies in General Services Ad-  
3 ministration facilities; and

4 (ii) the availability to managers of  
5 General Services Administration facilities  
6 of geothermal heat pumps.

7 (B) REQUIREMENTS.—The review under  
8 subparagraph (A) shall—

9 (i) examine the use of geothermal heat  
10 pumps by Federal agencies in General  
11 Services Administration facilities; and

12 (ii) as prepared in consultation with  
13 the Administrator of the Environmental  
14 Protection Agency, identify geothermal  
15 heat pump technology standards that could  
16 be used for all types of General Services  
17 Administration facilities.

18 (2) REPLACEMENT.—

19 (A) IN GENERAL.—As part of the program  
20 under this section, not later than 180 days  
21 after the date of enactment of this Act, the Ad-  
22 ministrator shall establish, using available ap-  
23 propriations, a geothermal heat pump tech-  
24 nology acceleration program to achieve max-  
25 imum feasible replacement of existing heating

1 and cooling technologies with geothermal heat  
2 pump technologies in each General Services Ad-  
3 ministration facility.

4 (B) ACCELERATION PLAN TIMETABLE.—

5 (i) IN GENERAL.—To implement the  
6 program established under subparagraph  
7 (A), not later than 1 year after the date of  
8 enactment of this Act, the Administrator  
9 shall establish a timetable, including mile-  
10 stones for specific activities needed to re-  
11 place existing heating and cooling tech-  
12 nologies with geothermal heat pump tech-  
13 nologies, to the maximum extent feasible  
14 (including at the maximum rate feasible),  
15 at each General Services Administration  
16 facility.

17 (ii) GOAL.—The goal of the timetable  
18 under clause (i) shall be to complete, using  
19 available appropriations, maximum feasible  
20 replacement of existing heating and cooling  
21 technologies with geothermal heat pump  
22 technologies by not later than the date that  
23 is 5 years after the date of enactment of  
24 this Act.

1 (d) GENERAL SERVICES ADMINISTRATION FACILITY  
2 GEOTHERMAL HEAT PUMP TECHNOLOGIES AND PRAC-  
3 TICES.— Not later than 180 days after the date of enact-  
4 ment of this Act, and annually thereafter, the Adminis-  
5 trator shall—

6 (1) ensure that a manager responsible for accel-  
7 erating the use of geothermal heat pump tech-  
8 nologies is designated for each General Services Ad-  
9 ministration facility geothermal heat pump tech-  
10 nologies and practices facility; and

11 (2) submit to Congress a plan, to be imple-  
12 mented to the maximum extent feasible (including at  
13 the maximum rate feasible) using available appro-  
14 priations, by not later than the date that is 5 years  
15 after the date of enactment of this Act, that—

16 (A) includes an estimate of the funds nec-  
17 essary to carry out this section;

18 (B) describes the status of the implementa-  
19 tion of geothermal heat pump technologies and  
20 practices at General Services Administration fa-  
21 cilities, including—

22 (i) the extent to which programs, in-  
23 cluding the program established under sub-  
24 section (b), are being carried out in ac-  
25 cordance with this Act; and

1 (ii) the status of funding requests and  
2 appropriations for those programs;

3 (C) identifies within the planning, budg-  
4 eting, and construction processes, all types of  
5 General Services Administration facility-related  
6 procedures that inhibit new and existing Gen-  
7 eral Services Administration facilities from im-  
8 plementing geothermal heat pump technologies;

9 (D) recommends language for uniform  
10 standards for use by Federal agencies in imple-  
11 menting geothermal heat pump technologies  
12 and practices;

13 (E) in coordination with the Office of Man-  
14 agement and Budget, reviews the budget proc-  
15 ess for capital programs with respect to alter-  
16 natives for—

17 (i) permitting Federal agencies to re-  
18 tain all identified savings accrued as a re-  
19 sult of the use of geothermal heat pump  
20 technologies; and

21 (ii) identifying short- and long-term  
22 cost savings that accrue from the use of  
23 geothermal heat pump technologies and  
24 practices;

1           (F) achieves substantial operational cost  
2 savings through the application of geothermal  
3 heat pump technologies; and

4           (G) includes recommendations to address  
5 each of the matters, and a plan for implementa-  
6 tion of each recommendation, described in sub-  
7 paragraphs (A) through (F).

8       (e) AUTHORIZATION OF APPROPRIATIONS.—There  
9 are authorized to be appropriated such sums as are nec-  
10 essary to carry out this section, to remain available until  
11 expended.