P1, F1 0lr3022

By: Delegates Barve and Stein

Introduced and read first time: January 29, 2020

Assigned to: Appropriations

A BILL ENTITLED

1 AN ACT concerning

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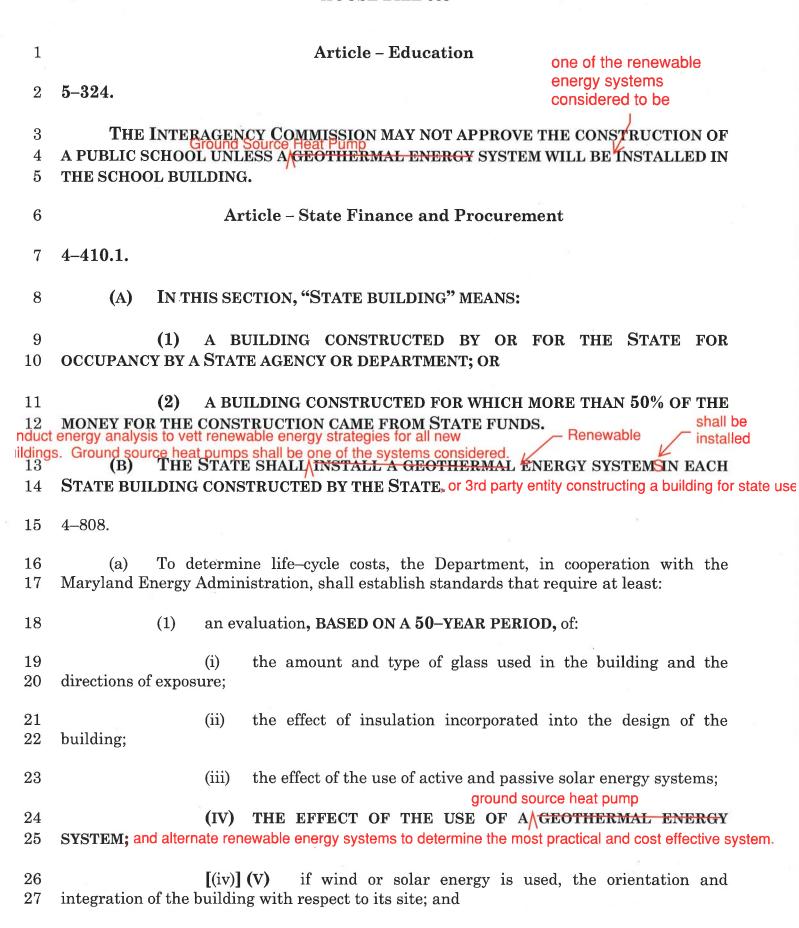
Public School Construction and State Buildings – Use of Geothermal Energy

- 3 FOR the purpose of prohibiting the Interagency Commission on School Construction from approving the construction of a public school unless a geothermal energy system will 4 be installed in the school building; requiring the State to install a geothermal energy 5 system in each State building constructed by the State; altering certain 6 requirements for certain standards established by the Department of General 7 8 Services in cooperation with the Maryland Energy Administration; defining a certain term; and generally relating to the use of geothermal energy in public school 9 construction and State buildings. 10
- 11 BY adding to
- 12 Article Education
- 13 Section 5–324
- 14 Annotated Code of Maryland
- 15 (2018 Replacement Volume and 2019 Supplement)
- 16 BY adding to
- 17 Article State Finance and Procurement
- 18 Section 4–410.1
- 19 Annotated Code of Maryland
- 20 (2015 Replacement Volume and 2019 Supplement)
- 21 BY repealing and reenacting, with amendments,
- 22 Article State Finance and Procurement
- 23 Section 4–808
- 24 Annotated Code of Maryland
- 25 (2015 Replacement Volume and 2019 Supplement)
- 26 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
- 27 That the Laws of Maryland read as follows:

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.





1 2	building and its pa	[(v)] (V arts;	the variable occupancy and operating conditions of the
3 4 5	(2) an energy consumption AND SYSTEMS REPLACEMENT analysis, BASED ON A 50-YEAR PERIOD of each major piece of equipment in any of the following systems serving the building:		
6		(i) 1	the cooling system;
7		(ii)	the heating system;
8		(iii)	the hot water system;
9		(iv)	the lighting system;
10		(v)	the ventilation system; and
11		(vi)	any other major energy—using system; and
12	(3)	a comp	arison of possible alternative energy systems:
13 14 15	(i) that would use the most plentiful and available energy resources in combinations that would result in maximum energy efficiency, both in the building and at the source; and		
16 17	major energy–usir		with respect to the projected annual energy consumption of the ment of each system over the life of the building.
18	(b) To ev	aluate li	ife-cycle costs, the Department shall:
19	(1)	adopt a	and uniformly apply a definition of the "life of the building"; and
20	(2)	provide	e defending criteria for the definition adopted.
21 22	SECTION 2 October 1, 2020.	2. AND	BE IT FURTHER ENACTED, That this Act shall take effect