



## 103RD GENERAL ASSEMBLY

### State of Illinois

2023 and 2024

SB2049

Introduced 2/9/2023, by Sen. Ram Villivalam

#### SYNOPSIS AS INTRODUCED:

New Act

Creates the Mechanical Insulation Energy Audit Act. Provides that the Environmental Protection Agency shall perform a mechanical insulation energy audit of every public building within the State within 10 years after the effective date of the Act. Provides that each mechanical insulation energy audit finding shall identify remediation measures necessary to bring the subject mechanical insulation system into compliance with the latest published edition of the International Code Council's International Energy Conservation Code and to ensure the building's mechanical systems function at operating temperatures that minimize energy loss and ensure public health and safety. Provides that audit findings are to be made available to the public. Requires the Agency, by December 31, 2025 and by December 31 of each year thereafter, to deliver to the General Assembly an annual report outlining the mechanical insulation energy audits that it completed in the previous calendar year. Repeals the Act on December 31, 2034. Defines terms. Includes legislative findings.

LRB103 28907 HLH 55293 b

1 AN ACT concerning State government.

2 **Be it enacted by the People of the State of Illinois,**  
3 **represented in the General Assembly:**

4 Section 1. Short title. This Act may be cited as the  
5 Mechanical Insulation Energy Audit Act.

6 Section 5. Legislative findings. The General Assembly  
7 finds:

8 (1) The State has a vested interest in decreasing the  
9 carbon footprint of publicly owned buildings.

10 (2) It is the public policy of this State to ensure  
11 that publicly owned buildings in the State are free from  
12 harmful mold and bacteria and can be used by Illinois  
13 residents for employment, education, and social services.

14 (3) Mechanical insulation plays an important role in  
15 advancing Illinois toward its clean energy goals by  
16 lowering operating expenses, reducing energy loss, and  
17 decreasing emissions.

18 Section 10. Definitions. As used in this Act:

19 "Agency" means the Environmental Protection Agency.

20 "Mechanical insulation" means insulation materials,  
21 facings, and accessory products applied to mechanical systems,  
22 such as piping, equipment, vessels, HVAC systems, boilers, and

1 other similar equipment.

2 "Mechanical insulation energy audit" means an audit that  
3 analyzes potential energy savings and any potential public  
4 health risks according to the specifications of a building's  
5 mechanical equipment.

6 "Public building" means any structure that is owned or  
7 leased by the State, a unit of local government, or any other  
8 political subdivision of the State.

9 Section 15. Mechanical insulation energy audit. The Agency  
10 shall perform a mechanical insulation energy audit of every  
11 public building within the State within 10 years after the  
12 effective date of this Act. Each mechanical insulation energy  
13 audit report shall identify remediation measures necessary to  
14 bring the subject mechanical insulation systems into  
15 compliance with the Code, as defined in Section 10 of the  
16 Energy Efficient Building Act, and to ensure that the  
17 building's mechanical systems function at operating  
18 temperatures that minimize energy loss and ensure public  
19 health and safety.

20 Section 20. Public access of findings; report.

21 (a) Mechanical insulation energy audit reports shall be a  
22 matter of public record and shall be posted on the Agency's  
23 website no later than 30 days after completion of each audit.

24 (b) By December 31, 2025 and by December 31 of each year

1 thereafter, the Agency shall deliver to the General Assembly  
2 an annual report outlining the mechanical insulation energy  
3 audits that it completed in the previous calendar year.

4 Section 25. Repeal. This Act is repealed on December 31,  
5 2034.