

# HOUSE RESEARCH

## Bill Summary

**FILE NUMBER:** H.F. 1034

**DATE:** April 24, 2007

**Version:** First Committee Engrossment

**Authors:** Peterson, A. and others

**Subject:** Geothermal and solar thermal heating and cooling systems

**Analyst:** Bob Eleff (651-296-8961)

This publication can be made available in alternative formats upon request. Please call 651-296-6753 (voice); or the Minnesota State Relay Service at 1-800-627-3529 (TTY) for assistance. Summaries are also available on our website at: [www.house.mn/hrd](http://www.house.mn/hrd).

---

### Overview

Requires the commissioner of administration to study geothermal and solar thermal applications for heating and cooling for building projects receiving state appropriations for capital purposes. Expresses a preference for geothermal systems when practicable.

#### Section

- 1 Heating and cooling systems; state-owned buildings.** Requires the commissioner of administration to study geothermal and solar thermal applications for heating and cooling building projects subject to predesign review that receive state appropriations for replacement of heating or cooling systems. Provides that when practicable, geothermal and solar thermal heating and cooling systems must be considered when designing, planning, or letting bids for necessary replacement or initial installation of cooling or heating systems in new or existing buildings constructed or maintained with state funds. Requires that the predesign review include a written plan for compliance.

"Solar thermal" devices collect the sun's energy and transfer it to a storage medium to be distributed for heating and cooling.

This section applies to cooling or heating replacement in buildings constructed or maintained with state funds that are subject to predesign review after July 1, 2007.