



Senate Fiscal Agency
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BILL



ANALYSIS

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Senate Bill 570 (as reported without amendment)
Sponsor: Senator Mike Green
Committee: Regulatory Reform

CONTENT

The bill would amend the Single State Construction Code Act to allow log walls in residential buildings if the walls had a minimum average thickness of at least five inches; the walls complied with the International Code Council standard on the design and construction of log structures, ICC 400-2007, or other successor standard that the Department of Licensing and Regulatory Affairs specified by rule; the area weighted average U-factor for fenestration products in the log wall was a maximum of 0.31; and all energy efficiency requirements of the Act, and rules promulgated under it, applicable to components other than log walls were met.

In addition, the building heating equipment would have to be qualified under the Energy Star program or the building heating equipment would have to meet or exceed the following U.S. Department of Energy ratings:

- For a gas furnace, an annual fuel utilization efficiency (AFUE) of 90.
- For an oil furnace, an AFUE of 85.
- For a boiler, an AFUE of 85.
- For a split system air source heat pump, an 8.2 heating seasonal performance factor (HSPF).
- For a closed loop water-to-air geothermal heat pump, an energy efficiency rating of 14.1 and a coefficient of performance of 3.3.
- For an open loop water-to-air geothermal heat pump, an energy efficiency rating of 16.2 and a coefficient of performance of 3.6.
- For a closed loop water-to-water geothermal heat pump, an energy efficiency rating of 15.1 and a coefficient of performance of 3.0.
- For an open loop water-to-water geothermal heat pump, an energy efficiency rating of 19.1 and a coefficient of performance of 3.4.
- For a direct geothermal exchange, an energy efficiency rating of 15.0 and a coefficient of performance of 3.5.

Proposed MCL 125.1513f

Legislative Analyst: Patrick Affholter

FISCAL IMPACT

The bill would have no fiscal impact on State or local government.

Date Completed: 5-4-12

Fiscal Analyst: Josh Sefton