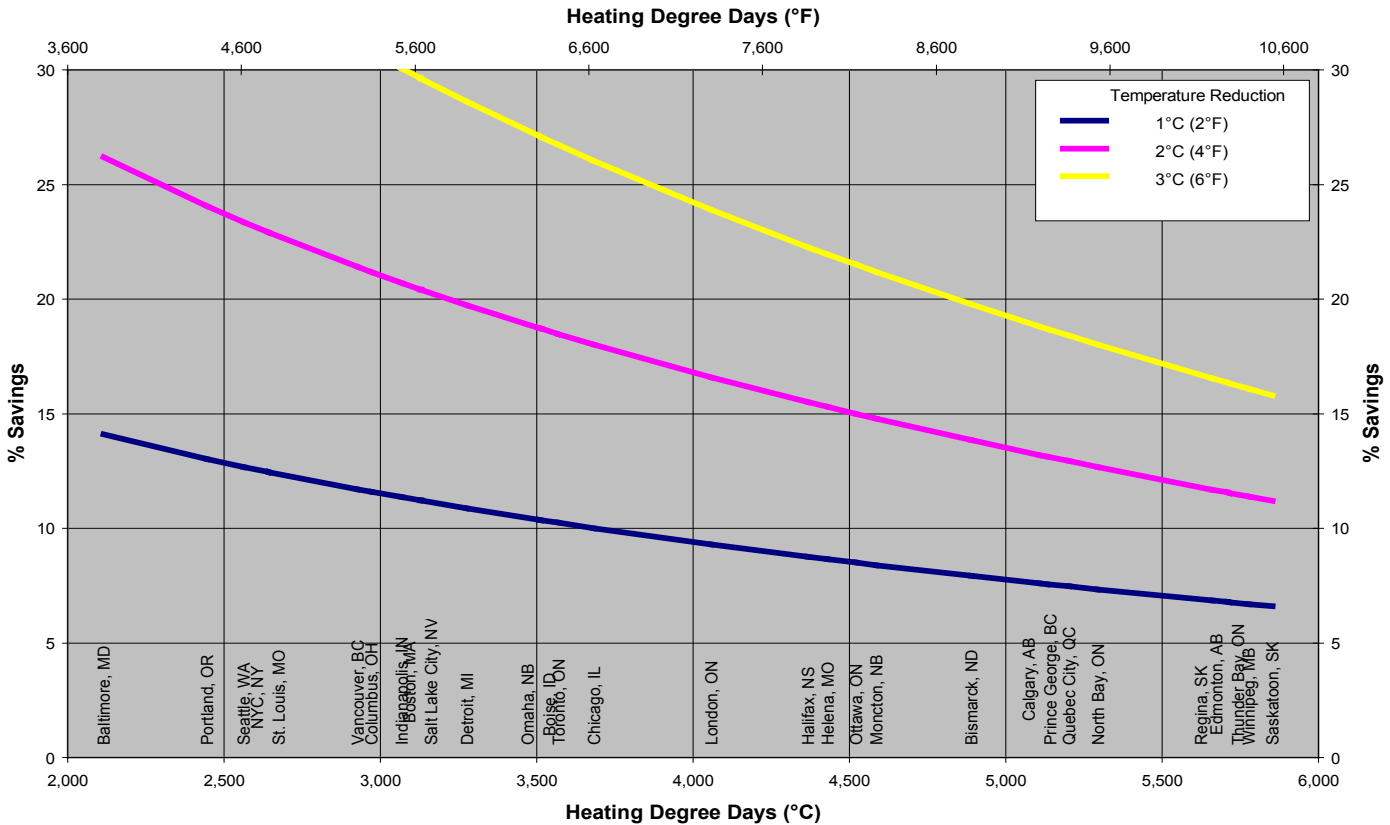


**Energy Savings by Lowering Thermostat Settings with Legalett**



**LOWER ROOM TEMPERATURE SETTING**

Room temperature can be lowered by up to 3°C (5°F) while maintaining the same level of comfort.

**SUPERIOR BELOW-SLAB INSULATION LEVELS**

The R-value the LEGALETT System’s underslab insulation decreases the energy loss to the ground by 50% compared to a traditional slab on grade.

**OFF-PEAK ENERGY STORAGE**

The LEGALETT foundation can be used to store energy. Reduced energy costs during off-peak periods can be exploited to store heat in the slab. This inexpensive heat is then released during peak periods (daytime).

**PASSIVE SOLAR ENERGY STORAGE**

During the winter, a properly designed home will allow the sun to shine on the LEGALETT Floor. The LEGALETT floor will absorb this energy (keeping the air temperature from rising excessively), and release it later on demand, reducing the energy that must be purchased.

**REDUCED HEAT LOSS THROUGH THE CEILING**

Temperature stratification is close to ideal. The air temperature at the ceiling is lower than the floor, reducing the heat loss through the ceiling.

**USE OF THERMAL MASS TO BRIDGE ENERGY SPIKES**

LEGALETT’s ability to store energy in the slab and then instantly release or absorb additional energy as required allows the heating (and cooling) system to be sized very close to the average demand. Heating equipment that is sized close to the demand operates much more efficiently than heating (or cooling) equipment that is oversized.

LEGALETT’s use of zone control, thermal mass, insulation and radiant heat, make LEGALETT the most efficient heating system on the market today.