

Within the last 10 years, the State of California has adopted, mandated & enforced its own energy code called the California Energy Code (CEC) Title 24. Title 24 is constantly being updated with more stringent energy efficiency requirements. These energy efficiency requirements make homes & commercial buildings much more comfortable, energy efficient & less costly to operate. Title 24 divides the state into 16 climate zones with each climate zone having specific energy code requirements. For example, if you live in San Jose you will need to have at least a R30 **insulation** value in the attic space, R13 in the walls & R19 in the crawlspace to achieve the minimum required insulation code values. Sacramento requires a R38 value in the attic, R13 in the walls & R19 in the crawlspace.

Why is **insulation** an important energy efficiency component? **Insulation** provides resistance to heat flow. The more heat flow resistance your **insulation** provides, the lower your heating and cooling costs will be.

What does all of this mean to you & me? Well, for those who are buying newly constructed homes or commercial buildings, it means that we should be getting a better, more energy & cost efficient product. However, for the older homes or commercial structures that have not had the **insulation** updated to the current standards, they are probably under-insulated & costing much more than needed to cool & heat.

Updating a home or commercial structure with the proper **insulation** is one of the cheapest energy efficiency applications available that offers the quickest return on your investment. In fact, the investment usually pays itself off within a few years & is much less expensive than having to replace an over-taxed heating & air unit.



So, to answer the question, "**Do I need to insulate?**" Well, that depends on the age of your home or commercial building, the condition of the current **insulation** & the CA climate zone in which it's located. The intension of our assessment is to give you all of the information that you need so that you can make the right decision regarding your home's energy efficiency needs. If you do need to upgrade your **insulation** we're confident that you will be completely satisfied with our honest service & knowing that you will have a more energy efficient home or commercial building that will provide comfort & save you money for years to come.

For more information on cost-savings energy efficiency solutions visit energy.ca.gov, energy.gov, energystar.gov, smud.org and/or pge.com.