

Fact Sheet: Energy Efficient Retro Fit

Some of our Margaret River homes are older, and weren't built with energy efficiency in mind. But there are many ways to retro-fit your home to reduce your energy use. Below are our five favourite ways to retro fit an older home to have the biggest impact on emissions - and your power bills.

5 ways to re-fit your home to reduce emissions

LEDs

Lighting is around 10% of our household electricity budget so swapping out the old globes is a great way to quickly slash energy use. LEDs use about 75% less energy than halogen globes and last 5 to 10 times longer. The up-front cost of LEDs generally has a payback time of less than 1 year.

Insulation

Depending on your home, insulation can be quick to retro fit without major renovations. Ideally, insulations should be installed in the ceiling, walls and floors to create a sealed envelope which acts like a thermos in winter and an esky in summer. A fully insulated home can reduce the cost of heating and cooling by around 40-50%.

Double or Triple Glazing

The space between the two (or three) window panes creates an insulating barrier, allowing double glazed windows to reduce heat loss or heat gain by almost 30% in comparison to older-style single glazed aluminium windows. Retro fitting an additional pane to your older windows is a more affordable (but still effective) option.

Pelmets

No - they don't have to be the old style that we loved in the 1980s. Modern 'invisible pelmets' are a simple, DIY option that can still reduce over 25% of heat loss from a room. . Warm air rises, and without a pelmet to stop it, it sinks on the glass side of the curtains. The cold glass chills your warm. With pelmets, the warm air sinks on the curtain side of the windows, so doesn't get the big chill.

Energy Ratings

It may seem expensive to replace major appliances, but with 5 or 6 Star ratings you are likely to save money in the long run. For every additional star under the energy rating scheme, you should use approximately 20-30% less energy to heat or cool. Switching off at the wall is also a major energy saver...appliances still use power even if they are on standby.

AMRCCE is a not-for-profit community action group dedicated to reducing overall carbon emissions in Augusta Margaret River.

Our community's desire to reduce carbon emissions led the Shire of Augusta Margaret River to commit to reducing carbon emissions from energy consumption. Our role is to spearhead community projects to help us reach our ambitious target of Net Zero by 2030.

We're aiming for an overall 20% emissions reduction through a decrease in consumption, increase in clean energy use and other strategies that lower our carbon footprint.

If you want to join us go to www.amrcce.com.au or info@amrcce.com.au

Special thanks for support from:



**TRANSITION
Margaret River**



Lower Blackwood Catchment
Land Conservation District Committee



Government of Western Australia
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