

ENERGY AUDIT

The more boxes you check, the more energy efficient your house is.



LIGHTING

- Are all the bulbs LED?
- Are the globes low wattage?
- Do you use individual lamps in each room rather than all the lights?
- Do you turn the lights off if the room is unused?

WATER HEATING

- Is your hot water gas or electrical?
- Is the hot water system positioned close to the kitchen and bathroom?
- Is the thermostat set to Australian legal standards? (See notes at the bottom)
- Are the hot water pipes insulated?
- Do you have water efficient shower heads to reduce the water and energy consumption?

HEATING AND COOLING

- Is your air conditioner more than 10 years old?
- Do you clean the filters every six months?
- Do you have ceiling fans?
- Are the heat and cooling system efficient? (See calculator - link at the bottom)
- Do you have a programmable thermostat set to 22 deg in summer and 18 deg in winter?
- Do you only use the air conditioner when you are in the house?
- Can you section off the rooms that you are using to only cool that room?

FRIDGES AND FREEZERS

- Are your fridge and freezer less than 10 years old?
- Are they energy efficient? (See calculator - link at the bottom)
- Do you really need the bar fridge / freezer?
- Are the doors properly sealed, ie is the seal broken or is there suction when you close the door?
- Is the temperature of the fridge between 3-5°C and the freezer between minus 15-18°C?
- Is there sufficient ventilation around the fridge / freezer?

COOKING

- Are your appliances efficient? (See calculator - link at the bottom)
- Is the oven door properly sealed?
- Do you cook with the season? That is put the oven on cooler days only

ENERGY AUDIT

The more boxes you check, the more energy efficient your house is.



OTHER APPLIANCES – COMPUTERS, CLOCKS, TVs ETC.

- Are your appliances efficient (See calculator - link at the bottom)?
- Are they turned off when not in use?
- Do you use a standby power board when appliances are turned off?
- Do you turn your appliances off at the wall?

INSULATION AND SEALING THE HOUSE

- Do you have ceiling insulation?
- Do you have wall insulation?
- Do you have under floor insulation if you are not on a slab?
- Do you have a whirly bird in the roof?
- Do you have draft stoppers under doors that lead to external areas?
- Have you sealed any gaps around appliances such as air-conditions and other appliances?

WINDOWS AND OUTDOOR AREAS

- Are the windows covered from the sun from the outside eg an awning?
- Do you have fabric curtains to help increase the insulation?
- Do you have inside shutter that provide insulation e.g. wooden shutters:?
- Does the glass have a tint or coating?
- Are the windows double glazed or triple glazed?
- Can you open the windows to reduce the use of an air-conditioned on the milder days?
- Does your external shading have a light colour? Does it have a reflective surface on the outside?
- Do you have plants around the house that can provide shade during the day?
- Does the positioning of your external shading structures match the level of sun you receive?

In 1 July 2013 NSW adopted the Plumbing Code of Australia. Heated water systems must be fitted with a temperature control device where applicable. The temperature of the heated water at the tap should not be more than 50 degrees centigrade.

To check the efficiency of your appliances go to <https://www.energyrating.gov.au/calculator>