

Name: Jane Public
Address: 123 ABC St
Audit held 01/01/05
Date Sent: 10/01/05

ACT Energy Wise



Cover page indicating your details,
when the audit was performed, the
auditor's name and when the report was
posted to you.

ENERGY SAVING REPORT

FOR

123 ABC St

OWNER: Jane Public

Audit Date: 01/01/05

Repost sent: 00/00/00

Audit and report prepared by: Joe Synergy
Home Energy Advice Team
Energy Strategies
Contact: 6260 6165 or info@heat.net.au
Mail: PO Box 3142 Manuka ACT 2603
www.heat.net.au





ACT Energy Wise is an ACT Government funded program that conducts energy audits of Canberra homes to assist homeowners to identify energy saving measures. In addition, the program provides a \$500 rebate if the homeowner spends \$2000 or more on energy saving measures as identified in this Report within six (6) months of the audit being conducted.

A summary on the existing energy efficiency of your home

1. Summary - Energy Efficiency of Your Home

Your home is a detached brick veneer and tile construction with suspended timber floor. The front side faces south-east with most windows to the south-east and north-east. Ceiling insulation is approximately R1, there is no wall insulation and your windows have no coverings. You have recently installed a number of halogen downlights in the living room and kitchen. You have an open fireplace and have recently removed the electric convection wall heaters. Hot water is electric. You have recently purchased the house and have not yet moved in as you are in the process of renovation.

2. List of Priority Improvements

The priority improvements below will help reduce your energy costs and your greenhouse gas emissions. The cost from any of the "Priority Improvements" may be counted towards the \$2000 investment that will make you eligible for a one off \$500 rebate. "Additional Suggestions" may only be counted after all the priority improvements have been acted on.

Changes to the way you use your home can also have a significant effect on energy use and at no-cost! These actions are listed in our 'Good Sense Guide'.

Note: All receipts for improvements must be:

- in the same name as the person on this report.
- dated within the 6 months of the date of this report.

The main recommendations that will improve the energy efficiency of your home

PRIORITY IMPROVEMENTS
◆ Fit draught stoppers and weather stripping to all three external doors
◆ Top up insulation of new bedroom and install R4 roof insulation where required in house
◆ Replace incandescent and halogen globes with compact fluorescents where appropriate
◆ Install cavity wall insulation (new bedroom may already have wall insulation)
◆ Install block-out blinds or block-out lined curtains and pelmets or track covers
◆ Install AAA shower head (9L/min) and flow-reducing tap aerators (6L/min)

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These improvements will help you improve the energy efficiency of your home but will generally have a smaller total impact.

3. Additional Recommendations

These suggestions will yield smaller or less cost effective improvements but will improve the overall energy efficiency of your home. If you have completed all of the high priority improvements the cost of these suggestions can be counted towards the \$2000 necessary to qualify for the rebate.

3.1. Building Shell

Insulation
Repair existing roof insulation if replacements for halogen lights fitted
Install under floor insulation, specially where floors polished
Glazing
Install double glazed windows or Clearcomfort
Retrofit double glazing or Clearcomfort to panes beside front door
Weather sealing:
Close off chimney if heaters being used
Install draught stoppers on doors to unheated rooms
Seal vent in toilet/bathroom windows

3.2. Space Heating and Cooling

Ducted central heating
Zone - only heat main living rooms
Reduce thermostat setting (17-20°C)
Supplement heating with radiant heater rather than increase thermostat setting
Switch off pilot light during warmer months
Install reversible ceiling fans
Introduce ways to cross-ventilate house
Cooling
Increase thermostat setting of air con (25-27°C)
Install reversible ceiling fans for cooling in summer and heat distribution in winter.
Reduce lighting wattage
Remove any halogen downlights and replace ceiling insulation. (NB compact fluorescent downlights are available, e.g.: http://www.neco.com.au/categories.asp?cID=10&c=3399)
In summer use pedestal fans to cross ventilate home and open windows at night to allow house to cool. Close windows (and curtains) during hot days.



REFRIGERATOR AND FREEZER

3.3. Refrigeration

Refrigerator and freezer
Clean coils on the back of fridge
Switch off extra fridge (s) when not in use

3.4. Lighting

Lighting
Install compact fluorescent lights
Replace lights with low wattage fluro or LED. Replace halogen lights with above and repair insulation
Reduce lighting wattage
Install sensor lights outdoors
Install timer fitting to lights

3.5. Standby Power

Stand by Power
CONSIDER SWITCHING OFF THE FOLLOWING WHEN NOT IN USE
Mobile phone charger, Battery charger, transformers, computer monitors, computers and others- please see our good sense guide for further considerations.



HomeEnergyAdviceTeam

Ph: 6260 6165
Email: info@heat.net.au
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Our Contact details