





AREAS ENERGY AND MONEY ARE WASTED	MINIMAL INVESTMENT	MODERATE INVESTMENT	HIGHER INVESTMENT
<p><b>Hot Water Heating</b> Energy used for heating a family's water can generate about 2 tonnes of GH gas and cost up to \$400/year.</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Fix dripping taps</li> <li><input checked="" type="checkbox"/> Turn off hot water system if house will be unoccupied 3 days or more</li> <li><input checked="" type="checkbox"/> Wash clothes in cold water</li> <li><input checked="" type="checkbox"/> Lower hot water system (HWS) thermostat temperature</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Insulate exposed hot water pipes (use split old reticulation polypipe)</li> <li><input checked="" type="checkbox"/> Add extra insulation around HWS</li> <li><input checked="" type="checkbox"/> Replace showerheads with AAA water efficient showerheads to save water and energy</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Install a solar HWS – gas boosted</li> <li><input checked="" type="checkbox"/> Choose an appropriately sized system</li> <li><input checked="" type="checkbox"/> Check the energy rating of new systems and invest in the higher star rating</li> </ul>
<p><b>Home Heating</b> Home heating and cooling costs about a quarter of your energy bill and often generates a tonne or more of GH gases per year.</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Open blinds &amp; curtains to north facing windows in winter</li> <li><input checked="" type="checkbox"/> Seal draughts around doors</li> <li><input checked="" type="checkbox"/> Try warmer clothes instead of extra heating</li> <li><input checked="" type="checkbox"/> Keep doors to unused rooms closed</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Install close fitting curtains</li> <li><input checked="" type="checkbox"/> Build pelmets over windows to enclose curtains</li> <li><input checked="" type="checkbox"/> Install ceiling fans to circulate warm air</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Insulate your ceiling to R=2.5 min. rating especially over living areas</li> <li><input checked="" type="checkbox"/> Place carpets or rugs over wooden or tiled floors</li> <li><input checked="" type="checkbox"/> Only purchase high energy rating heaters eg Reverse cycle types</li> </ul>
<p><b>Home Cooling</b> Heating and cooling your home costs you \$100's each year – look after your comfort and your wallet!</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Open windows and doors to catch cool breezes and at night</li> <li><input checked="" type="checkbox"/> Keep doors to unused rooms closed</li> <li><input checked="" type="checkbox"/> Re-arrange seats and beds away from external walls</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Install ceiling fans</li> <li><input checked="" type="checkbox"/> Shade north facing walls with deciduous trees or climbers</li> <li><input checked="" type="checkbox"/> Seal door &amp; window air leaks</li> <li><input checked="" type="checkbox"/> Paint dark aluminium window frames a light colour</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Insulate ceilings and walls</li> <li><input checked="" type="checkbox"/> Shade north facing windows eg awnings, patio or reflective blinds</li> <li><input checked="" type="checkbox"/> Select light coloured roofing</li> <li><input checked="" type="checkbox"/> Only purchase high energy rating coolers eg Reverse cycle types</li> </ul>
<p><b>Refrigeration &amp; Freezer</b> Accounts for 16% of energy use in WA. A 2 door fridge may produce 1.5 tonnes of GH gas and cost \$150 per year to run.</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Ensure the rear of your fridge or freezer is well ventilated</li> <li><input checked="" type="checkbox"/> Locate your fridge/freezer away from heaters or external walls</li> <li><input checked="" type="checkbox"/> Don't over/under fill – cover liquids &amp; only put in completely cooled foods.</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Clean condenser coils at least once every 2 months</li> <li><input checked="" type="checkbox"/> Do not let ice build up more than 6mm thick (manual defrost fridges)</li> <li><input checked="" type="checkbox"/> Turn off extra bar/garage fridge until you really need it</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Replaced damaged seals</li> <li><input checked="" type="checkbox"/> Purchase an energy efficient fridge</li> </ul>
<p><b>Green Purchasing</b> Production &amp; transport use energy</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Buy local to cut transport emissions and provide local jobs &amp; prosperity</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Recycle and avoid packaging</li> <li><input checked="" type="checkbox"/> Select fruits and vegetables in season</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Use Natural or Green electricity</li> </ul>

Visit [www.switchyourthinking.com](http://www.switchyourthinking.com) for more information on how to save energy and money!

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<p><b>Cooking</b> Uses 12% of energy in an average WA home, generating 1.5 tonnes of GH gas &amp; may cost \$150 per year</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Cook things at the same time to optimise use of the oven and stove</li> <li><input checked="" type="checkbox"/> Thaw food naturally before cooking</li> <li><input checked="" type="checkbox"/> Always use lids on pots and pans</li> <li><input checked="" type="checkbox"/> Match saucepan to hot plate size</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Use a pressure cooker, toaster etc to minimise use of your stove</li> <li><input checked="" type="checkbox"/> Use split saucepans to cook two things at a time on one hot plate</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Buy a microwave oven – effective and cheap for many meals</li> <li><input checked="" type="checkbox"/> For new cookers check the energy rating – fan ovens are best</li> </ul>
<p><b>Indoor Appliances</b> Can use 10% of household energy just while on stand-by!</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Turn everything off at the wall – don't leave things on standby</li> <li><input checked="" type="checkbox"/> Use dishwashers only when full</li> </ul>		<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Match appliance size to job needs</li> <li><input checked="" type="checkbox"/> Select high energy rating new appliances</li> </ul>
<p><b>Lighting</b> Generates about 2/3 tonne of GH gases each year, costing about \$100</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Turn lights off when leaving a room</li> <li><input checked="" type="checkbox"/> Set security light sensitivity correctly</li> <li><input checked="" type="checkbox"/> Make maximum use of natural light</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Select bulb wattage to suit the use</li> <li><input checked="" type="checkbox"/> Buy energy efficient light bulbs eg compact or standard fluorescents</li> <li><input checked="" type="checkbox"/> Use socket timers while away</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Redesign lighting to minimise the number of bulbs</li> <li><input checked="" type="checkbox"/> Use light coloured paint on walls and ceilings</li> </ul>
<p><b>Laundry, Toilet &amp; Taps</b> Hot water wastes 20 times the energy of cold washes</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Wait for a full load before washing</li> <li><input checked="" type="checkbox"/> Dry clothes on the clothes line</li> <li><input checked="" type="checkbox"/> Use the ½ flush in the toilet</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Fit all taps with tap aerators</li> <li><input checked="" type="checkbox"/> Fix dripping taps</li> <li><input checked="" type="checkbox"/> Wash your car on the lawn</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Buy an efficient washing machine</li> <li><input checked="" type="checkbox"/> Use a high efficiency shower head</li> <li><input checked="" type="checkbox"/> Select a dual flush toilet cistern</li> </ul>
<p> <b>Family Transport</b>  Passenger vehicles are a major polluter and GH gas source</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Walk, cycle or use public transport</li> <li><input checked="" type="checkbox"/> Share a ride with someone else</li> <li><input checked="" type="checkbox"/> Phone, mail, fax or email instead</li> <li><input checked="" type="checkbox"/> Avoid stop/start traffic, rapid takeoffs and sudden stops.</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Do a fuel efficient driving course &amp; save up to 40% on fuel used</li> <li><input checked="" type="checkbox"/> Ensure on-time vehicle tune-ups and keep tyres inflated to maximum recommended pressure</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Convert your vehicle to gas</li> <li><input checked="" type="checkbox"/> Select a smaller or more efficient model when buying a new car</li> <li><input checked="" type="checkbox"/> Relocate closer to work and have enjoy your extra free time</li> </ul>
<p><b>In the Garden</b> Water pumping = high energy use Family scraps/garden waste can generate 1tonne GH gas/year!</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Cut lawns high &amp; leave clippings</li> <li><input checked="" type="checkbox"/> Water between 6pm and 6am</li> <li><input checked="" type="checkbox"/> Mulch garden beds</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Direct food scraps &amp; garden waste to worm farm/well aired compost</li> <li><input checked="" type="checkbox"/> Use plants to shade hot walls</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Plant a low water use garden</li> <li><input checked="" type="checkbox"/> Replace lawn with gravel mulch or hardy groundcovers.</li> </ul>
<p><b>Building and renovating</b> Energy smart homes are more comfortable and cheaper to run</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Become informed on energy efficient home design principles</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Ensure your next home is energy efficient &amp; enjoy greater comfort, disposable income &amp; resale value.</li> </ul>	<p>Select a North facing block </p>

Further information and advice on how to live a more sustainable lifestyle is available from the Sustainable Energy Development Office (SEDO) Home Energy Line on 1300 658 158 or visit SEDO's website at [www.sedo.energy.wa.gov.au](http://www.sedo.energy.wa.gov.au)