

Geysers on timers or load control system

- Saving can be realised by adding a timer unit to any geysers that are not in constant use. Limiting the amount of energy that they can consume.
- Timers should be set to ensure that enough hot water is available for peak use.
- Heat an appropriate amount of water depending on requirements e.g. when 3 guests are using the same geyser run it for longer than if only one guest is using it.
- It takes about 80 minutes to heat 100 litres of water to 55 °C with a standard geyser. So switching the geyser on 2 hours before showering should be sufficient.

Application: on all geysers that are not constantly in use
Ease: 5/5
Availability: 5/5

Factors to consider:

- This is more effective if you can't add a geyser blanket and pipe insulation.
- Makes most sense when combined with a solar water heater so that during the day one gives the solar water heater the time to heat the water and leaves the resistive heating units off.

Cost R500

Payback: 200 litres hot water per day at 55 °C, 2-4 years.

Requirements to meet criteria:

- Have a working timer on all geysers.



*Savings:
Typically 5% to 10%
of hot water bill*