

Benefits of Solar water Heating

Solar Water Heating is the most cost effective form of renewable energy. It uses the sun's rays directly to heat water, and can save a significant portion of a household's electricity bill. Furthermore, unlike other alternative options such as Photovoltaic Panels and Wind Turbines to generate electricity, Solar water heating will cost less than buying electricity from your local municipality. Modern solar water heaters also have electrical backup so that they provide hot water even when there is no sun. Studies have shown that heating water can account for up to 40% of a household's electricity bill and therefore there can be a significant saving.

The table below shows the expected savings for different sizes of solar water heaters and the costs of financing the solar water heater.

Size	Cost	Additional bond payment	Monthly savings
150L	R 12 500	R 108	R 164
200L	R 14 000	R 126	R 205
250/300L	R 20 000	R 180	R 328