

HOW TO **SLASH** YOUR MONTHLY **ELECTRICITY BILL**

BY UP TO

60 %

- 
- ✓ LOWER BILLS
 - ✓ SMART TIPS
 - ✓ ENERGY SAVINGS
 - ✓ SIMPLE STEPS



WITHOUT INSTALLING A
SOLAR
ELECTRICITY SYSTEM

HOW TO SLASH YOUR MONTHLY ELECTRICITY BILL BY UP TO 60% WITHOUT INSTALLING A SOLAR ELECTRICITY SYSTEM.

THE HIDDEN LEAK IN YOUR BANK ACCOUNT

- Most homeowners look at their monthly electricity bill, assuming the high cost is just an unavoidable cost of modern life. **It isn't.**
- **You are paying for thermal inefficiency.** Every month, hundreds of Rands are wasted because of **how** your home handles heat.

This guide will show you exactly which appliances are draining your wallet and provide

A STEP-BY-STEP ROADMAP TO ELIMINATE YOUR HIGHEST ENERGY EXPENSES FOR THE LOWEST POSSIBLE UPFRONT COST.



POWER VS. TIME; WHY SOME APPLIANCES ARE SECRET BUDGET KILLERS

To stop the bleeding money, you have to understand how electricity consumption works. It comes down to a simple formula:

$$\text{Total Consumption} = \text{Power (Watts)} \times \text{Time (Hours used)}$$

Appliances generally fall into two categories, but only one is destroying your budget:

- **The High-Power, Short-Term Myth:** Microwaves, kettles, and hair dryers draw massive amounts of power (often 1,500 to 2,200 Watts), but they only run for 2 to 5 minutes at a time. **Using a kettle costs just cents per boil.**
- **The Real Culprits (The Constant Heat Changers):** Any appliance designed to change the temperature of something - especially water or air - and keep it there for hours uses an immense amount of energy. **These devices use heavy-duty heating elements that run consistently, racking up thousands of Watts hour after hour.**

THE AVERAGE SOUTH AFRICAN HOUSEHOLD POWER BREAKDOWN

Appliance Group	% of Bill	Why It Uses So Much
Electric Geyser	40% – 60%	Heats water to 60°C and fights standing heat loss 24/7.
Electric Stove & Oven	15% – 30%	Heavy resistance coils run for prolonged cooking cycles daily.
Space Heating & Aircon	10% – 20%	Climate control requires moving or generating massive amounts of heat.
Refrigeration (Fridge/Freezer)	8% – 10%	Low wattage, but runs 24 hours a day, 365 days a year.
Lighting	2% – 5%	Dropped significantly with LEDs, but still impacts bills if old bulbs are used.
Pool Pump	5% – 10%	Runs a high-draw motor for 4 to 8 hours daily.
Electronics & Entertainment	2% – 6%	TVs, Wi-Fi routers, and chargers (mostly background "vampire" draw).

If you want real savings, **you have to target the top two:**

THE GEYSER AND THE STOVE!

YOUR STEP-BY-STEP IMPLEMENTATION ROADMAP

LOW-COST, HIGH-RETURN TACTICS TO SLASH YOUR BILL IMMEDIATELY

Instead of jumping straight into a massive, multi-hundred-thousand Rand solar array that intimidates any budget, rather concentrate on the main problems. Follow these steps for **GUARANTEED SAVINGS**

THE ABSOLUTE #1 ENERGY SAVER: - SWITCH TO A SOLAR GEYSER

Since water heating accounts for up to 60% of your bill, using a high-efficiency solar water heating system instead of an “electricity-only” geyser is the most financially impactful change you can make.

- **Costs:** Surprisingly low cost compared with the savings you gain.
- **The Financials:** By letting the South African sun heat your water, you immediately cut your total household electricity bill by up to 60%.
- **The East Rand Solar Geyser Advantage:** You don't need a full solar system to fix your geyser problem. East Rand Solar specialises in retrofitting or installing high-performance solar geysers that pay for themselves in monthly savings faster than almost any other home investment.

YOUR STEP-BY-STEP IMPLEMENTATION ROADMAP

LOW-COST, HIGH-RETURN TACTICS TO SLASH YOUR BILL IMMEDIATELY

#2 ENERGY SAVER: SWAP YOUR ELECTRIC HOB FOR A GAS STOVE

Cooking is a daily, non-negotiable energy drain.

Traditional electric plates take a long time to heat up and continue drawing heavy power the entire time they are on.

- **The Fix:** Switch to gas for your cooking hobs. Many modern hobs combine gas burners with an electric oven (which uses less energy than plates and benefits from insulation), or you can go entirely gas.
- **Bonus Benefit:** Beyond the immediate savings on your electricity bill, a gas stove means you can cook hot meals during load shedding without needing a massive backup battery.
- **Action Step:** Look out for appliance specials at major retailers, purchase your unit, and always hire a local, registered LPGas installer to handle the connection safely and provide a Certificate of Conformity (CoC).

#3 ENERGY SAVER: YOUR POOL PUMP STRATEGY

Pool pumps are notorious energy hogs.

- **The Fix:** Drop your pump runtime to the absolute minimum required to keep the water clear (typically 4 to 5 hours in winter, 6 to 8 hours in summer). Alternatively, look into installing a variable-speed pump or a mini-solar pump array dedicated entirely to your pool filtration.

#4 ENERGY SAVER: ERADICATE "VAMPIRE" POWER LOADS

Appliances left on standby mode (TVs, gaming consoles, soundbars, microwave clocks) still trickle-draw power.

- **The Fix:** Plug entertainment clusters into a single smart multi-plug that can be switched off completely at night or when you leave for work.

#5 ENERGY SAVER: ZERO-COST HABITS

- **The Fix:** Shift high-energy chores like washing machines and dishwashers to shorter, colder eco-cycles.

ARE YOU READY TO STOP OVERPAYING FOR ELECTRICITY?

THE HIGHEST-RETURN-ON-INVESTMENTS UPGRADE

- This is where the real transformation happens. Don't waste money on small stuff. **Target the king of consumption first - your geyser.**
- Because geysers dominate your monthly costs, it makes zero financial sense to install backup batteries or roof solar panels while leaving a hungry electric geyser connected to the grid.
- Upgrading to a dedicated solar geyser system strips the massive baseload away from your home electricity bill cleanly and affordably.
- Follow that with replacing your electric stove with a gas stove, and you're well on your way to saving thousands every year!

This may even enable you to get a smaller, much lower-cost solar electricity backup system for the rest of the house, since the biggest consumer, your geyser, is taken care of.

THOUGHT:

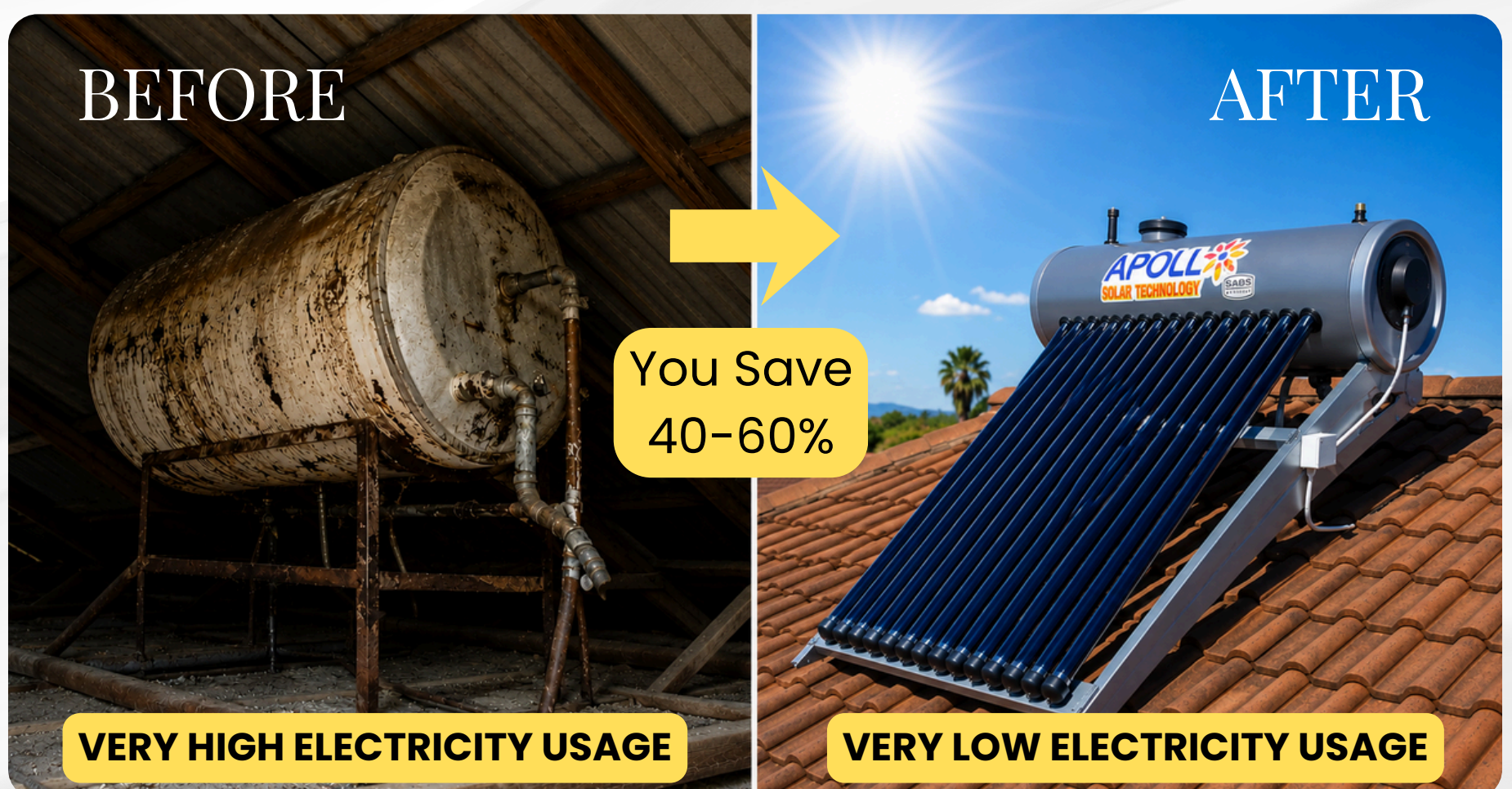
THE HIGHEST-RETURN-ON-INVESTMENTS UPGRADE

Every month you delay upgrading your water heating system is another month of **spending way too much on electricity** and your water heating needs.

Transitioning your home away from high-cost electricity doesn't have to happen all at once, and **it doesn't have to be expensive and overwhelming.**

At **East Rand Solar**, we help local homeowners target their **biggest energy leak** with reliable, high-performance solar geyser solutions tailored to your specific budget and property layout.

Let's look at your home together. Contact us today for a **completely free, no-obligation quote**, and see **exactly how much you could be saving by next month.**



👉 [Click Here to Claim Your Free Quote from East Rand Solar Geysers](#)

OUR SOLAR GEYSER OPTIONS

MOST POPULAR

SPLIT SOLAR GEYSER SYSTEMS

Convert your existing geyser to a solar geyser

With a split/retrofit system installation, we **use your existing geyser and convert it to a solar geyser**. You still have electric backup and a timer on your existing geyser for those cloudy and rainy days when there is no sun.



**FREE GEYSERWISE
CONTROLLER WITH
EVERY INSTALLATION!**



OUR SOLAR GEYSER OPTIONS

THERMOSYPHON SOLAR GEYSER SYSTEM

With this system, a new solar geyser tank and solar collector panel are installed directly onto your roof, allowing the sun to naturally heat your water throughout the day.

It comes standard with a timer that only comes on twice a day, at set times, to determine the water temperature, and only if the need arises, will it switch on the element to heat the water. The timer can be bypassed if necessary.



**FREE GEYSERWISE
CONTROLLER WITH
EVERY INSTALLATION!**



HIGH PRESSURE INTEGRATED SOLAR GEYSER SYSTEMS

This geyser operates exactly like your existing electrical geyser, except that the sun heats the water during the day, with a new high-pressure geyser tank and solar collector panel installed directly onto the roof. It comes standard with a timer that only comes on twice a day, at set times, to determine the water temperature, and only if the need arises, will it switch on the element to heat the water. The timer can be bypassed if necessary.



**FREE GEYSERWISE
CONTROLLER WITH
EVERY INSTALLATION!**



BENEFITS OF A SOLAR GEYSER

- **Lower Electricity Bills:** Drastically cuts monthly water heating expenses using free solar energy.
- **Continuous Hot Water:** Employs an electric backup system for cloudy or rainy days.
- **Strong Water Pressure:** Matches traditional electric geysers to supply multiple taps simultaneously.
- **SABS Approved Quality:** Meets certified safety, quality, and long-term reliability standards.
- **Durable & Low Maintenance:** Built for daily use with minimal upkeep required.
- **Frost Protection:** Includes professionally lagged exposed piping to prevent freezing in winter.
- **Professional Gauteng Installation:** Covers full setup, including up to 12m of piping.
- **5-Year Guarantee:** Assures peace of mind regarding investment durability and installation quality
- **Free Geyserwise Controller:** With every installation, we provide a Geyserwise controller at no extra cost. This controller allows you to monitor and control your solar geyser system effortlessly.

EAST RAND SOLAR GEYSERS



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WHY USE EAST RAND SOLAR GEYSERS?

- **15 Years in business** - same shop address, same phone number - **you can trust us**
- **Approved Distributors** of Kwiksol & Apollo Solar Water Heating Systems
- **SABS Approved** Systems Only
- We are **in your area**
- **5 Year Guarantee** on Workmanship

AREAS WE SERVE

We install and maintain solar geysers throughout most of the Gauteng area:

- Entire East Rand
- Johannesburg North
- Johannesburg South
- Alberton (all suburbs)
- Heidelberg (all suburbs)

Let's look at your home together. Contact us today for a **completely free, no-obligation quote**, and see exactly how much **you could be saving by next month.**

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EAST RAND SOLAR GEYSERS



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