ONE ENERGY™

15 Branches Nationwide

Since 2011

14 000+ Perfect Installations

Residential case study: Current electricity bill of R3 000 (810kWh/pm) based on tariff of R3,70/kWh

Tired of skyrocketing electricity costs? With grid electricity costs soon to surge past R4/kWh and massive tariff hikes on the horizon, it's time to take control of your electricity costs and supply. Switch to solar power and lock in electricity rates at under R0.90/kWh for the next 20 years!

Eskom's relentless push for tariff increases seriously threatens your bottom line. Even with NERSA's moderated hikes of 12.7% from 1 April 2025, followed by 5.36% and 6.19% for Eskom's 2026/27 and 2027/28 financial years, this cumulative 25% increase over the next three years is financially devastating. With solar, you shield your income from unpredictable, soaring costs and ensure energy independence amid collapsing municipal infrastructure and frequent power cuts.

Solar power isn't just an option - it's existential to your livelihood, security and finances in an increasingly uncertain and costly energy market.

Your grid cost trajectory if you do nothing

Based on the confirmed increases effective 1 April 2025, your electricity cost trajectory is summarised below – this also does not factor in any increases that councils may levy over and above this. In three years, your bill will increase by a cumulative 25%. Households have faced steeply rising electricity tariffs since 2010. While inflation saw prices increase by 196% over the period, electricity tariffs rocketed by 408%. This is an average of about 15% a year.

Current	2025-26	2026-27	2027-28	2028-29	2029-30	Total 5 years
R 3 000,00	R3 381,00	R3562,00	R3 782,00	R4 016,00	R4 265,00	**R230 000,00**

What can I expect to save with a solar PV system?

- 5kW Fox ESS hybrid Inverter
- 10kWh battery back-up
- 4.7kW solar array

System cost: R129 000

- Generates 24kWh/day & 720kWh/pm
- Takes you 90% off the grid
- R2 770 monthly saving and R33 000 in the first year.

- System cost fully amortised in 3,9 years
- **Accumulated savings:**
  5 years: R210 000
  10 years: R590 000
  20 years: R2.1 million

- **System Payback Period:** 3.9 years.
- **Long-Term Savings:** Lock in electricity costs at under R0.90/kWh for 20 years, versus spending almost R300 000 on grid electricity over five years with no return.
- **Solar Finance:** Finance the system over 96 months with Nedbank MFC with repayments around R2350 /month with no annual escalation and fully own the system. Save R400pm even after finance repayments in year 1, with savings increasing each year in line with Eskom tariff increases.
- **Lifetime Generation:** 156 000kWh generated over 20 years, keeping your costs at R0.82/kWh even after allowing for 2% maintenance cost per year. Your entire system and maintenance cost over 20 years is R180 600 which pays for itself in just under 4 years – versus R230 000 that you would spend on grid electricity in just 5 years without solar.
- **Sustainable Advantage:** After 20 years, your solar panels still operate at 80% efficiency.
- **Environmental Impact:** Reduce your carbon footprint and contribute to a greener future while securing your energy independence.

Contact One Energy to book your site assessment and consultation.

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