

## Electricity consumption pretoria

Electricity distribution (consumption) decreased by 0,7% year-on-year in March 2024. Seasonally adjusted electricity distribution decreased by 0,8% month-on-month in March 2024, following month-on-month changes of 0,4% in

The Eskom residential calculator is the easy, free tool you can use to see where your household is using and potentially wasting electricity. The calculator takes you on a guided journey, through your home, and asks you to input your usage habits. The calculator will show you how much electricity you are using, how much your appliances are ...

University of Cape Town RESIDENTIAL ELECTRICITY CONSUMPTION IN SOUTH AFRICA Research Project Report 31 May 2021 Prepared by Alison Hughes, Richard Larmour

Electricity distribution (consumption) increased by 5,0% year-on-year in February 2024. Seasonally adjusted electricity distribution increased by 0,5% month-on-month in February 2024, following month-on-month changes of -1,1% in January 2024 and 1,7% in December 2023.

Electricity generation (production) decreased by 3,7% year-on-year in April 2022. Seasonally adjusted electricity generation decreased by 1,0% in April 2022 compared with March 2022.

### Distribution

The Eskom residential calculator is the easy, free tool you can use to see where your household is using and potentially wasting electricity. The calculator takes you on a guided journey, through your home, and asks you to input your usage habits. The calculator will show you how much electricity you are using, how much your appliances are using, show you if your saving efforts are paying off.

How does the Eskom residential calculator work? It's easy. You need to input a few facts about your home and your appliances, click on the image below to get you started. Save your data so that every month you can manage your electricity cost.

The residential calculator Eskom has made available to South African electricity users is a tool created to educate consumers as to the consumption of the various appliances in the home. As users are in different contexts and environments, with different usage patterns it is essential that certain assumptions are made. For example, inlet water temperatures are different in each climate, so an assumed inlet water temperature is used. Geysers operate at different efficiencies and have different temperatures in different parts of the country, so tried and test benchmarks and averages are used to estimate the consumption of that is incurred when water is tapped out of a geyser.

When you use this calculator, be aware that benchmarks and past experience and research, done by Eskom and other utilities was used to estimate approximate consumption for appliances. This tool will not predict your bill accurately not will it give you the rand value that you will be charged by your supply authority. This calculator will however show you the high energy consumers in your home and will serve as an education tool to remind you how some appliances are quietly using power when you are not aware of it e.g., DS-TV decoder, cell phone on charge or television left on standby overnight.

Please approach this tool as a measure of your approximate usage and use it to guide behaviour change in your household, by showing family members what you estimate current usage to be, and what behaviour they can change to reduce your electricity costs over time. This tool gives you valuable saving tips and will give you a means to compare usage over many months, through many seasons and over multiple properties. Enjoy discovering your usage habits and make contact with the calculator team for any inputs or if you should experience any problems. E mail us at [email&#160;protected].

**Tariffs**The calculator is calibrated to work on an assumed rand per kilowatt tariff of R2.40, which is the average tariff being charged by all municipalities in South Africa at the time August 2022. This will be adjusted yearly. You have the option of inputting your specific tariff you are being charged by your utility.  
**Days in the month**An average of 30.42 days per month has been used. Similarly, an average of 21.67 weekdays per month is used. Weekend days per month is averaged at 8.67. The weeks in the month is averaged at 4.33.

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