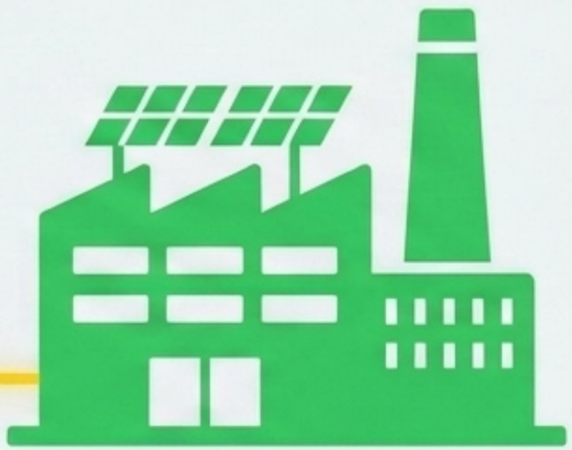
Wheeling explained for South African businesses

A clean guide to buying private power over existing grids.



Designed for operations with large and steady electricity bills

Wheeling lets a business buy power from a private generator. It uses the existing Eskom or municipal wires to deliver that power.



Wheeling is a billing arrangement over lines that already exist



Eskom describes wheeling as a money transaction rather than moving the same electrons from one place to another. It simply lets your business buy power from a private generator using the existing municipal or Eskom wires to deliver that power.

The mechanics of buying private power



The private supplier generates and trades the power.



Eskom or the city keeps the wires.



You receive the power and a reconciled bill.



Grid requirements to wheel power today

To wheel power with Eskom, your site must meet specific connection criteria.

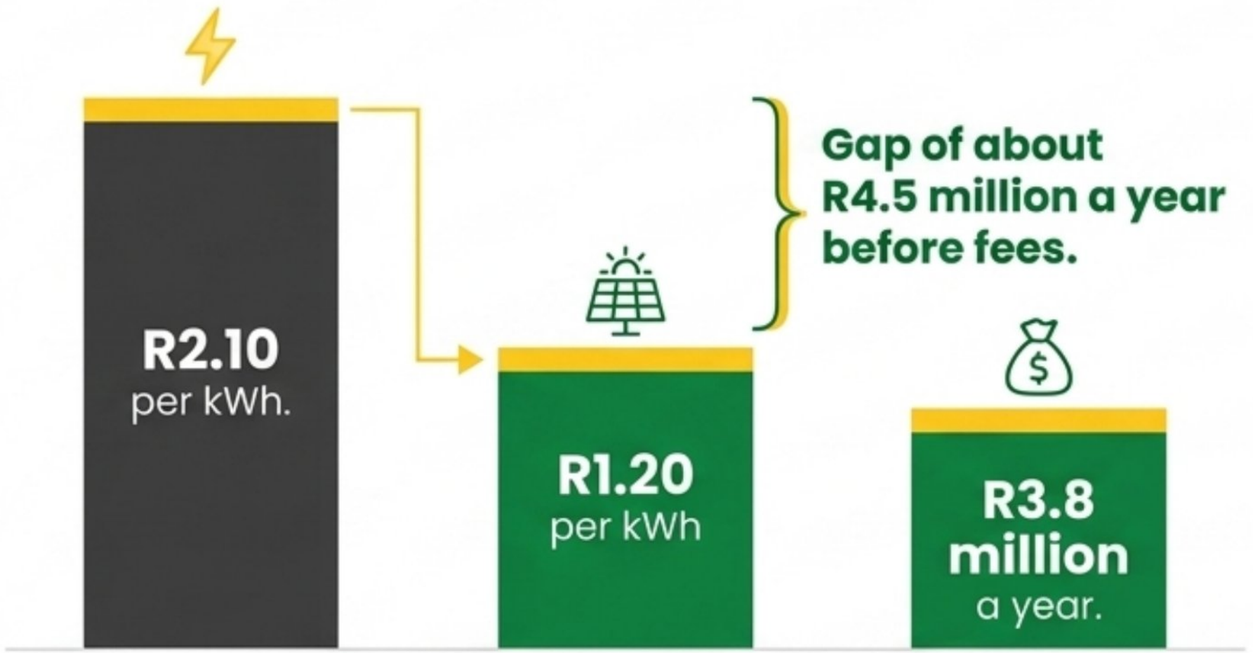
- A medium voltage connection or higher.
- A time of use tariff.

Wheeling is not yet available everywhere. Always check your own city rules before you commit to a deal.

Where wheeling is live right now

Johannesburg	Live right now	City Power already runs a wheeling tariff for outside suppliers serving a customer on its grid.
Cape Town	Live right now	Open for customers on a medium or high voltage connection. They must also be on a time of use tariff.
Durban	Tariffs published for 2026/27	eThekwini has published wheeling tariffs, open to a wider range of connections.

How the numbers work out for a large site



Grid price of about **R2.10** per kWh.

Estimated wheeling price of **R1.20 per kWh** from a 5 GWh a year solar plant.

Saving of about **R3.8 million** a year.

This is an estimate, not a quote. Real savings depend on your site, your tariff and the wheeling fees set by your city. Every Rand figure is an estimate, not a quote.

Pairing on-site solar with off-site wheeling



ZenSolar is a solar company that designs systems in house. We size and fit on-site solar where it fits your site. We can also help you look at your supply options, including wheeling.

Hardware fitted by our team

We exclusively fit FoxESS and Sigenergy inverters and batteries.

- Covered by a 10-year swap-out warranty on the inverter and battery.
- Systems are installed by our team and preferred, vetted installers approved by the brands.



ZenSolar does the energy assessment, fits on-site solar, models the wheeling return and helps you set up wheeling



Assess

We start with a free energy assessment of your site and your bill.

Fit

We fit on-site solar sized to your needs.

Model

We model the wheeling return for your specific site.

Setup

We help you set up wheeling with a private supplier and your city or Eskom.

Try the wheeling estimator on the ZenSolar website to see what wheeling could mean for your own numbers.

Take the next step for your site

Book your free energy assessment at zensolar.co.za