



BUSINESS PORTFOLIO
SOLAR PV · STORAGE · MONITORING

Powering business. *Building what comes next.*

Practical solar for businesses, institutions and infrastructure — installed, maintained and monitored by one accountable South African energy partner.

ESTABLISHED

2010

BASED IN

Cape Town

OWNERSHIP

Woman-owned

— WHY SOLAR, WHY NOW

Reliable power is *a business decision.*



Rising tariffs and unreliable supply put real pressure on operations. Solar turns that pressure into control – lower running costs, protected uptime and an asset that keeps working for decades.

Lower costs

Cut daytime electricity spend and hedge against tariff increases with energy generated on site.

Protected uptime

Battery and inverter backup keeps the essentials running through outages, protecting continuity.

A lasting asset

Well-installed, well-maintained solar performs for decades – and adds value to the property.

— WHAT WE DO

From the first panel. *To the years ahead.*



Solar PV installation

Panels, inverters and mounting matched to how your site actually uses energy – scope confirmed up front, roof- or ground-mounted.



Maintenance & repairs

Servicing, fault-finding and repairs led by the real condition of your equipment – a long-term asset rewards good care.



Monitoring & support

Turn performance data into confident decisions – catching small issues early and getting the most from every panel.



Backup & storage

Battery and inverter solutions that keep the essentials running through outages – added to new or existing systems.

Suitability, coverage and technical scope are confirmed for each enquiry.

— CAPABILITIES IN DETAIL

What we deliver.

In full.

01

Solar PV & installation

*Engineered around your site.
Designed around your load.*

- Solar PV systems
- Commercial rooftop installations
- Ground-mounted solar
- Inverter & backup power solutions
- Battery energy storage
- Solar equipment supply
- System expansion & upgrades
- Large-scale project collaboration

02

Maintenance & system care

Protect performance. Protect your investment.

- Preventative system maintenance
- Solar panel inspection & cleaning
- Fault finding & diagnostics
- Inverter & battery checks
- Electrical inspections
- Performance assessments
- System repairs
- Maintenance planning

03

Monitoring & performance

See performance. Catch problems early.

- Solar performance monitoring
- Generation & consumption review
- Battery performance review
- Issue identification
- Performance reporting
- Technical guidance
- Ongoing system support

— WHO WE SERVE

From a single site. *To national infrastructure.*

The same standard of care at every scale — solar shaped to the property, the organisation and the load it has to carry.



COMMERCIAL & INSTITUTIONAL

Business & organisations

Offices, retail, farms, schools and clinics — systems sized to cut running costs and keep operations moving through outages.



UTILITY & INFRASTRUCTURE

Large-scale & power infrastructure

Ground-mounted arrays and power-plant-scale solar, delivered with vetted technical partners — scope confirmed for every opportunity.



RESIDENTIAL

Homes & families

Rooftop solar, battery backup and monitoring for households that want dependable power and lower monthly bills.

One technology. *Many sectors.*

Solar PV suits almost any property with a roof or a plot and a power bill — every system sized to how the site actually uses energy.

Offices & commercial buildings

Reliable, cleaner power for everyday working spaces.

Manufacturing & industrial

Lowering energy costs across production lines.

Farms & agriculture

Pumps, packhouses and off-grid resilience on the land.

Hotels, lodges & hospitality

Comfort and continuity for guests, day and night.

Clinics & healthcare

Keeping essential care running through outages.

Utility-scale & infrastructure

Ground-mounted and power-plant-scale, with partners.

Retail & shopping centres

Cutting daytime running costs for stores and centres.

Warehousing & logistics

Turning large roof areas into on-site generation.

Filling stations & franchises

Consistent power for high-uptime, branded sites.

Schools & education

Dependable power and lower bills for learning spaces.

Government & municipal

More resilient public buildings and services.

Homes & residential estates

Rooftop PV, battery backup and monitoring for households.

Larger commercial and utility-scale projects are delivered together with vetted technical partners; capacity, qualifications and delivery scope are confirmed for each opportunity.

Practical solar.

An honest partner.



A woman-owned enterprise

A black woman-owned South African company — bringing a development-led outlook to energy, skills and opportunity.



Sized to your site

Every system starts with the property and the outcome you actually need — not a one-size package.



One accountable partner

Install, maintain and monitor brought together — with vetted technical partners for larger delivery.



Honest from day one

Transparent about experience, scope and ambition — realistic plans you can hold us to.

— THE FOUNDER

From a place. *Towards a purpose.*



CLEOPATRA MASINGA · FOUNDER

"Energy is the starting point.
Opportunity is the ambition."

iThandimbvelo was founded by Cleopatra Masinga. Born and raised in Umlazi, KwaZulu-Natal, her connection to South Africa sits at the heart of the company's interest in development. Studies in international development and environment shaped an outlook that holds people, skills and economic opportunity alongside the practical work of solar energy.

That perspective is applied practically: understanding what businesses and organisations need from their energy systems today, while building credible technical partnerships for what comes next.

The company is transparent about experience and ambition as it grows — and welcomes clients and partners who value that clarity.

ACADEMIC FOUNDATION

BSc International Development Studies, University of East Anglia (2009); Master's in International Development & Environment.

INTERNATIONAL OUTLOOK

Experience and connections spanning South Africa, Canada and international development environments.

AREAS OF FOCUS

Renewable energy, sustainable development, and opportunities for women and young people.

From requirement. *To accountable delivery.*

Every project is different. The process begins by establishing the requirement before defining technology or making commitments.

01

Understand the environment

We establish the site, energy profile, existing infrastructure, operating requirements and desired outcome.

02

Define the solution

Technical requirements, system architecture, scope, responsibilities and required capabilities are developed around the opportunity.

03

Validate the delivery model

Engineering requirements, qualifications, technical partners, equipment and project capacity are confirmed.

04

Move forward with clarity

Once scope and responsibilities are agreed, the project progresses through procurement, implementation, commissioning and support.

Systems built *to perform.*



Roof-mounted PV array

Rooftop solar



Inverter & battery room

Hybrid inverters with storage



Commercial rooftop array

South Africa



Residential installation

Canada

Before we begin. *A few honest answers.*

Do you work on existing solar systems?

Absolutely — maintenance, servicing, repairs and monitoring are core to what we do. Share a few details about your equipment and site, and we'll scope the right work for it.

Can iThandimbvelo work on commercial and large-scale projects?

Yes. We welcome opportunities from small commercial installations to institutional, industrial and large-scale energy infrastructure. Where additional engineering, EPC or specialist capability is required, we work with appropriately experienced technical partners — and roles, qualifications, responsibilities and project capacity are confirmed for every opportunity before delivery.

Which locations do you cover?

Our base is Cape Town, South Africa, with hands-on residential solar installation experience gained in Ottawa, Canada. We'll confirm coverage for your specific project — the Canadian experience shapes how we work; it does not mean a Canadian office.

Are skills and development programmes open yet?

Skills development and participation for women and young people sit at the heart of our longer-term vision. The programmes, accreditation and enrolment aren't open yet — but it's a direction we're committed to building, with the right partners.



LET'S MOVE THE
CONVERSATION FORWARD

— GET IN TOUCH

Your site. Your plans.
Let's find the next step.

[Request a free site assessment](#)



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This portfolio is a private preview prepared for iThandimbvelo. Installation photographs are real work supplied by iThandimbvelo, shown without invented project sizes or locations; other brand imagery is illustrative. Figures and descriptions are drawn from the supplied company profile; certifications and registration details are intentionally omitted until confirmed. The WhatsApp number shown is the contact currently published on the iThandimbvelo website.