



EcoElite

Renewable Solutions

Supplying Elite Engineered Renewable Solutions



ABOUT ECOELITE

EcoElite Renewable Solutions (Pty) Ltd was founded in 2018 to provide professional services in renewable solutions to the domestic, commercial, and industrial markets. The company was born out of a need to supply the market with ethically engineered solutions in the energy space, where unprofessional contractors had begun to emerge. Over time, EcoElite has partnered with major players in the renewable space, both locally and abroad, and has built on their experience to meet the challenges of the rapidly growing energy needs crisis in an efficient and cost-effective manner.

EcoElite boasts a high level of internal engineering and electrical capacity, which is coupled with a focus on superior quality products and local aftermarket support to provide unparalleled service delivery to clients in the renewable space.

Customisable Solutions

EcoElite provides expert service across the full spectrum of renewable applications, encompassing solar, water, heating and cooling options, as well as metering to ensure tailored solutions against specific deliverables. Within the energy space, EcoElite's offering ranges from stand-alone solar plants to a multiplex of hybrid applications, combining the advantages of renewable energy resources and conventional power generation to minimize unnecessary resource losses. Whether you are looking to reduce bills, boost power generation, or become completely resource independent, EcoElite will be able to design and customize a solution to suit your needs."

Clients

EcoElite has supported a diverse range of clients, from small domestic projects all over KwaZulu-Natal to powering an entire island off the coast of Tanzania, and serving various retail, commercial, and industrial clients in between. Our client portfolio includes some of the leading Retail Centers, Manufacturing giants, and Major Local Solar EPCs within South Africa. EcoElite has maintained these long-term relationships by supporting client growth and consistently delivering quality products with ongoing service and maintenance support. How can we be of service to you?

Our Founder and CEO

Phillip Pieterse

Qualified Consulting Engineer and Project Manager

Expert in Electrical and Energy Management

Skilled in Water Management and Purification



National Diploma in Electrical and Electronic Engineering
(University of South Africa)

Certificate in Business Project Management: NQF level 7
(Wits Business School)

Illumination Engineer: Registered Associate Member
(Illumination Engineers Society of SA)

Certificate in Hazard Identification & Risk Assessment
(Risk Management Group Africa)

Occupational Health & Safety for Management 16[2]
(Risk Management Group Africa)



How We Started

Following 10 years of experience as an engineer in the fields of energy and renewables, Phillip registered EcoElite Renewable Solutions with the goal of leading a company that offers customized engineered solutions rather than off-the-shelf packages in the renewable energy space. Phillip has harnessed his experience in project management and consulting, and together with his qualifications in engineering, has delivered a truly professional service in the field. Phillip has since founded EcoElite's sister company, EcoElite Solar Distribution (Pty) Ltd, which supports EcoElite with quality products readily available to further enhance service delivery.

Our Specialised Offering



Solar Power

EcoElite Renewable Solutions has vast experience in designing, supplying and installing both domestic and commercial solar solutions. We specialise in both **Solar Photovoltaics** as well as Hybrid and Off-grid **Solar Battery Systems**.



System Maintenance

EcoElite has a dedicated Service and Maintenance division, developed to keep our clients systems running efficiently and in peak performance.



Comprehensive Site Audits

Offering a holistic approach to reducing resource wastage, the basis of all renewable projects should be set against a **comprehensive site audit**. We monitoring all system loads, water consumptions, heat energies as well as cooling loads to develop a **successful renewable strategy**.



Eco Products

EcoElite Renewable Solutions utilizes **LED Lighting, Energy Management Systems**, Ventilation and Insulation, as well as **Heat Pumps** and Inverter Modelled Cooling systems to offer a full eco-friendly solutions.

OUR COMPETITIVE ADVANTAGES



EcoElite holds unparalleled installation experience in the renewable space. Our Team has installed more Solar Panels and larger rooftop systems than any other installer in KZN including the two largest rooftop systems in Africa.



EcoElite has an inhouse registered Electrician qualified to work on MV and LV Equipment ensuring installations meet South African National Standards (SANS) 10142 Regulation and presenting all compliance certification.



EcoElite has direct access to stock of our solar product offering through our sister company, EcoElite Solar Distribution, minimizing lead times and project duration due to stock holding.



In line with our brand values to always deliver on quality, EcoElite only sells systems that offer a 10-year warranty allowing our clients peace of mind in the longevity of their investments.



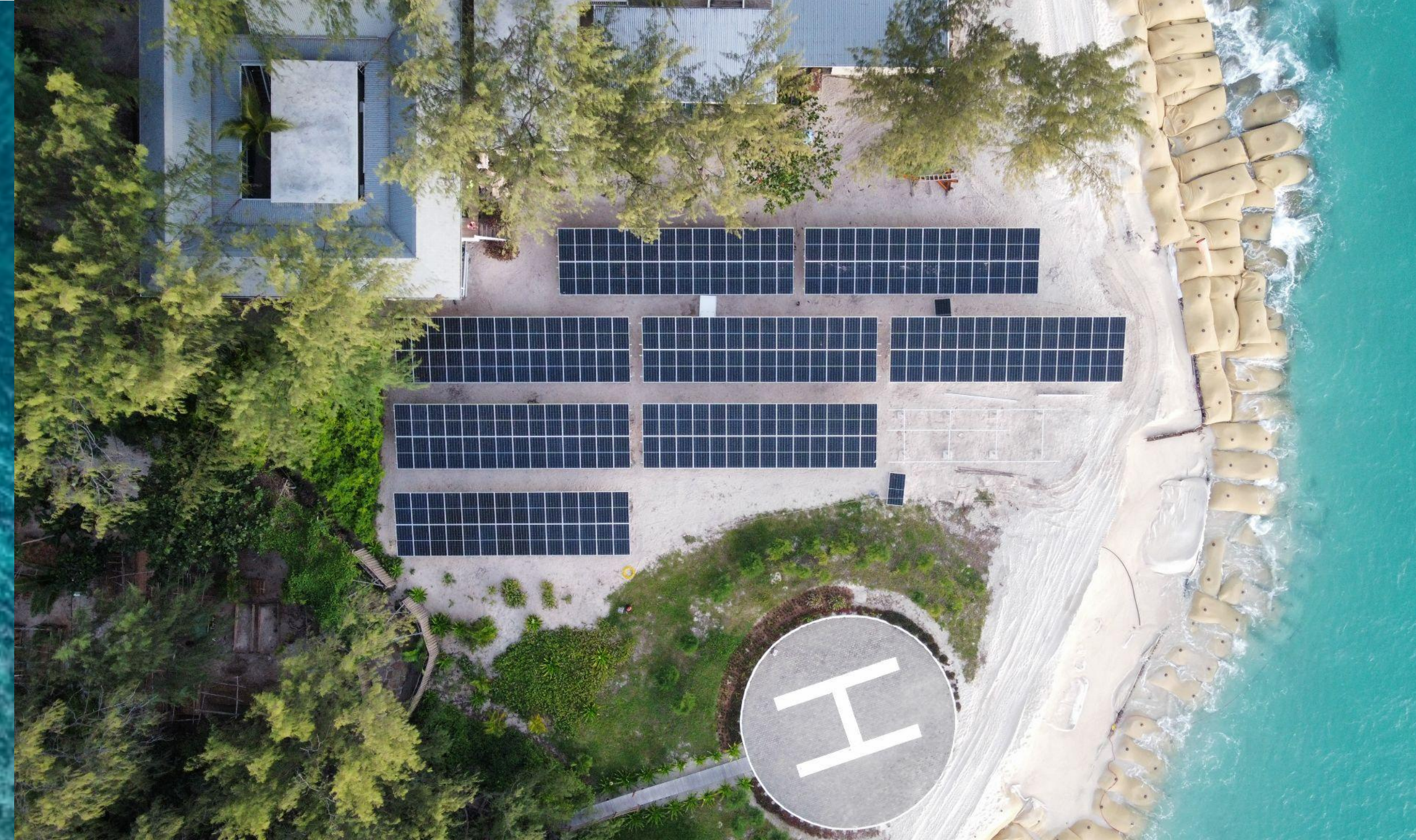
EcoElite has established a dedicated Service and Maintenance Division currently operating in both the commercial and domestic space, monitoring and managing our SLA Clients' installations to ensure efficiency and peak performance.



We have an experienced design team who offer custom engineered solutions through metering and data analytics before presenting a proposal. This offers responsibility in design and accountability in performance.



Reference Projects



Thanda Island

📍 Tanzania - Largest Privately Owned Off-Grid Solar System in Tanzania.

⚡ Capacity - 820 kWh Solar MD - Off-Grid

Designed in and supplied from RSA, this Off-Grid Solar System is The Largest Privately owned Off-Grid Solar System in Tanzania. Comprises of a 250 kVA Battery Based KehuaTech inverter, linked to 820 kWh of Solar MD High Voltage Batteries, 240 kWp Solar Array and three backup generators.

Reference Projects

Boardwalk Inkwazi Shopping Centre

📍 Richards Bay, KZN

⚡ Capacity - 6.8MWp Solar Rooftop PV Plant

Client and Engineers: Solareff

Boardwalk Inkwazi is currently the largest rooftop solar installation in Africa utilising 12580 solar PV modules and 400kms of DC cable. The installation was done by EcoElite's team in collaboration with the lead designers and engineers, Solareff.

This solution will generate 1GWh of energy annually reducing the centre's electricity costs as well as their carbon footprint.



Reference Projects

Liberty Midlands Mall Phase 1, 2 & 3

Pietermaritzberg, KZN

📍 Capacity - 6462 kWp

⚡ SolarEdge - Grid Tied & Generator
Integration

UCL Sawmills

📍 Glenside, KZN

⚡ Capacity - 947 kWp
Ground Mount System
SunGrow - Grid Tied +
Generator Integration

Narrowtex

📍 Estcourt, KZN

⚡ Capacity - 494 kWp
Sungrow - Grid Tied +
Generator Integration

Spar DC

📍 Phoenix, KZN

⚡ Capacity - 254 kWp
SolarEdge - Grid Tied



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