



Have sun!



Project Case Study

Blue Sabaku

Project Supported by IBC SOLAR
Powering an Accessible Destination



Off-Grid Energy Independence

Background & Challenge

Blue Sabaku is a farm development with a clear long-term vision: to become a fully accessible destination for wheelchair users. The goal is to ensure that guests can move freely, use the facilities comfortably, and enjoy a relaxing holiday environment without access limitations.

For this vision to succeed, reliable energy was essential. The client required a resilient energy solution capable of supporting daily operations while reducing dependence on the national grid.

The project also required careful system planning. A grid-tied SSEG application would have introduced tariff implications and system sizing limitations linked to the existing supply point. A fully off-grid solution gave the client greater flexibility, allowing the system to be sized according to the property's actual requirements.



A Partnership Approach

IBC SOLAR managed the project and provided the technical expertise, engineering support and project coordination required for delivery, while Greenability led the on-site installation.

Together, the project demonstrates how collaboration enables larger and more complex commercial energy projects.



Project Background

Blue Sabaku required a reliable, scalable energy system that could support the development of a fully accessible farm destination while reducing dependence on the grid.

IBC SOLAR South Africa acted as the project manager and technical partner, working alongside Greenability to deliver the client's off-grid energy solution. By providing engineering expertise, equipment supply, project coordination and technical support, IBC SOLAR enabled the successful delivery of a complex commercial installation.

Due to rocky ground conditions on site, an above-surface in-situ concrete ballast foundation solution was used for the mounting structures. This approach provided a stable and consistent foundation without the need for deep excavation.

The completed system delivers reliable independent power, supports the client's accessibility vision, and provides a strong foundation for long-term operational resilience.

106.8 kWp

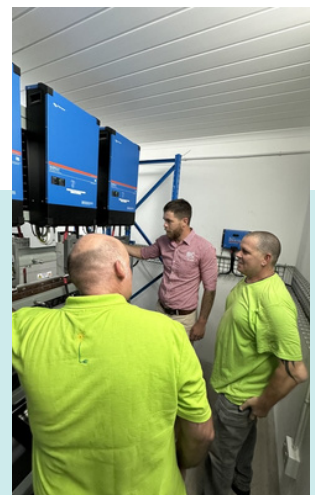
Total PV Array Capacity

125 kW

PV Inverter Capacity

240 kWh

Battery Storage Capacity



Our Role

IBC SOLAR partners with installers, EPCs and project stakeholders to deliver commercial and utility-scale solar solutions.

Our role extends far beyond equipment supply.

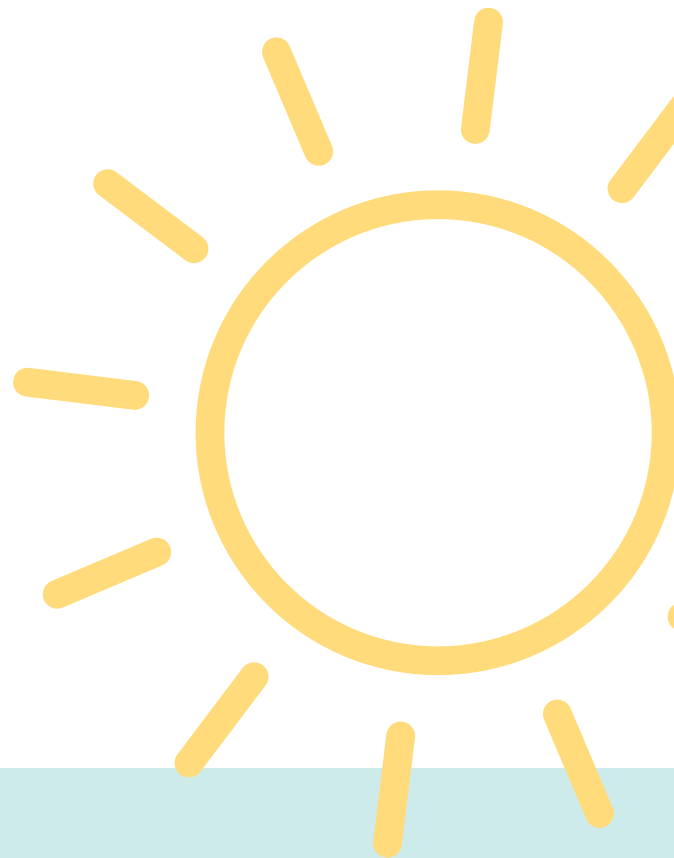
We provide technical expertise, project management, engineering support and bankable solar solutions that help our partners successfully deliver larger and more complex projects.

By acting as the link between the client, installer, EPC, technology partners and funding partners where required, we help bring ambitious renewable energy projects to life.

IBC SOLAR supported this project through:

- ✓ Technical Design
- ✓ Engineering Support
- ✓ Project Management
- ✓ Equipment Supply
- ✓ Installer Coordination
- ✓ Quality Assurance
- ✓ Commissioning Support

Whether your business lacks engineering capacity, project management resources or commercial procurement capability, IBC SOLAR provides the additional expertise needed to successfully deliver larger renewable energy projects.



Looking to Deliver Larger Projects?

Whether you need engineering support, project management, procurement, or technical expertise, IBC SOLAR works alongside installers and EPCs to help successfully deliver larger and more complex renewable energy projects.

Let's build the next project together.