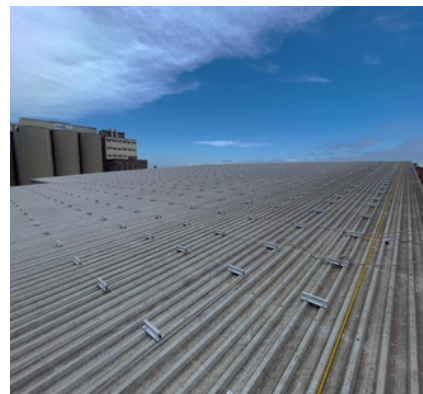




SUSTAINABLE SOLAR SOLUTIONS DRIVE PROGRESS IN SOUTH AFRICA

BY: IJIKA SERVICES



In the face of South Africa's stage 6 energy crisis, Ijika Services joins forces with SBS Energy, Magnet, and Meridian Energy to power positive change through six impactful solar projects in Q1, 2024. Showcasing diverse expertise and the transformative power of solar across industries, these projects illuminate a collaborative path towards a sustainable energy future, fuelled by sunshine and government incentives.

HARNESSING THE POWER OF THE SUN:

Sports Stadium, Durban: This iconic sporting facility is poised to become a beacon of sustainability with a 350kW inverter system, integrated generator, and 724 panels, creating energy independence and significantly reducing electricity costs.

Manufacturing Facility, Pietermaritzburg: This manufacturing powerhouse is embracing solar with a 500kW grid-tied container set, 920 panels, and integrated generator, aiming for energy independence and cost reduction.

Storage Facility, Durban North: This storage facility prioritizes resilience with a 630kVA hybrid inverter system, 2x400kwh Lithium Batteries, and 909 panels, ensuring energy independence and cost savings.

Commercial Hardware Store, Springfield Durban: This building supply company is taking a sustainable step with a 200kW inverter and 364 panels, paving the way for energy independence and cost reduction.

Fast Food Retail Outlet, Pietermaritzburg: This innovative project demonstrates solar's reach with a 34-panel (19kW) system, 50kw hybrid inverter, and 60kw lithium battery, promoting sustainability and cost savings even on a smaller scale.

Motor Vehicle Manufacturing, Amanzimtoti: This automotive giant is leading the charge with a massive 600-900kW containerized grid-tied system and 909 panels, covering a significant portion of their energy needs and showcasing the potential of large-scale solar adoption.



Storage Facility, Johannesburg: 115kw capacity is powered by a combination of 144 panels, 3x50kW Deye Inverters, and a 120kWH Deye HV battery. This innovative grid-tied system allows for both energy consumption and storage, offering resilience against power outages and potentially generating income by selling excess energy back to the grid.

Warehouse Facility, Johannesburg: 500kw capacity achieved with 2x 215kWh HV batteries and 525 panels. This large-scale project serves a industrial facility, significantly reducing its carbon footprint and potentially achieving energy independence, contributing to a more sustainable city.

Cradle view business park, Johannesburg: This project utilizes 2x 215kWh HV batteries and 192 panels to generate 105.6kw. This installation caters to a smaller business or office building, offering cost-effective energy generation, reduced reliance on the grid, and a positive environmental impact.

Manufacturing Warehouse, Johannesburg:

759kw capacity with just 109 panels, highlighting the efficiency of modern solar technology. This translates to significant energy cost savings and reduced reliance on the grid, potentially powering nearby operations or contributing to the national grid.

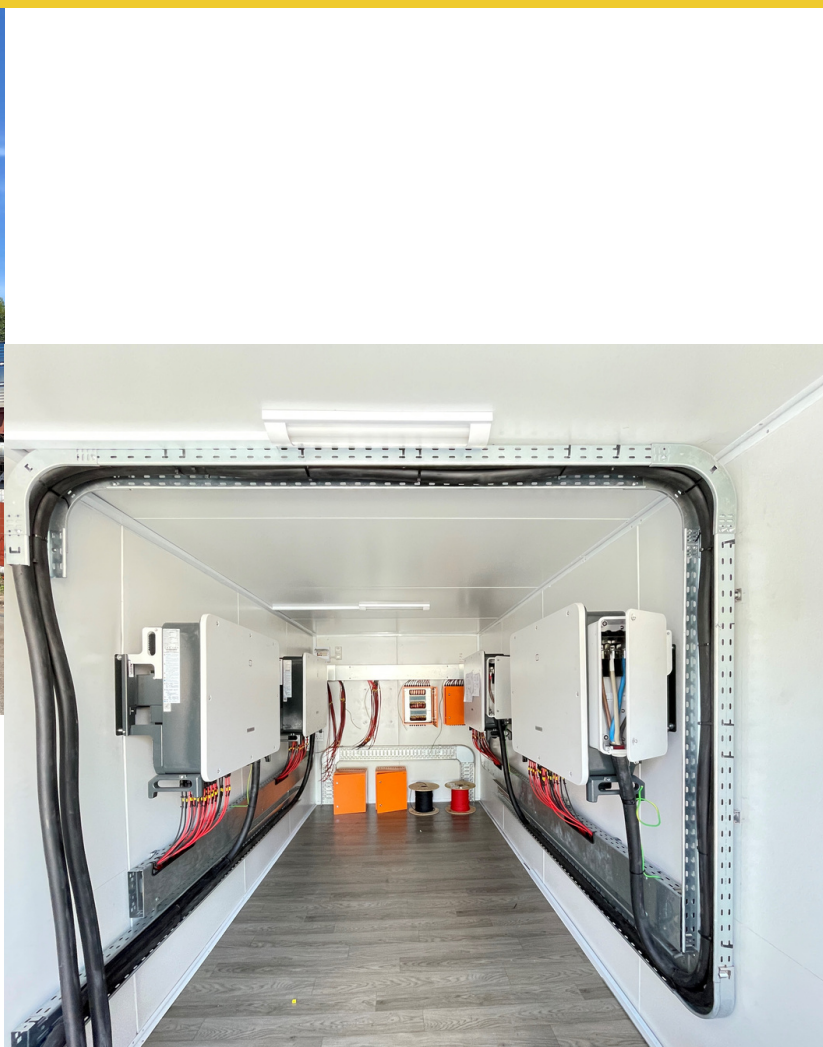
CONTAINER PROGRESS

1. Motor Manufacturing Facility:

- Two containers housing 900 kW and 600 kW grid-tied inverters demonstrate scalability and adaptability.
- Containerized solution likely provided enhanced protection for sensitive equipment in an industrial environment.
- This setup could offer potential portability if future expansion or relocation needs arise.

2. Rugby Stadium:

- A single container housing a 500 kW grid-tied inverter highlights the compactness and ease of integration of this approach.
- Containerization might have ensured secure and weatherproof operation in an exposed stadium environment.
- This project potentially benefited from the pre-configuration and quick deployment often associated with containerized solutions.



THE IJIKA SERVICES ADVANTAGE

THESE PROJECTS HIGHLIGHT IJIKA SERVICES' COMMITMENT TO:

Tailored Solutions: Ijika caters to diverse needs, offering systems ranging from 19kW to 800kW, containerized setups, and integrated generators for added resilience.

Comprehensive Expertise: From design and installation to integration and maintenance, Ijika provides a complete solar solution.

Sustainability Focus: Ijika empowers clients to reduce their environmental impact and contribute to a cleaner future.

CHALLENGES OF 2024 - Q1

Weather Condition: Summer is known for its beautiful rains which pose a challenge for the Ijika Solar Installers as the team cannot commence with the days' tasks on the roof due to the Health and Safety protocol which are enforced within the company.

Delivery of Materials: One of the major set backs are the delivery of materials, which makes project completion challenging for the Ijika Services team, as our value is delivering quality projects to our clients within agreed timelines.

FIRE DAMAGE: On the 19 of January 2024; Ijika Services facilities in Westmead was literally on fire which started in a neighboring unit. Major damages were sustained to our mezzanine office area, but to due bravery and quick thinking from our factory start we were able to put out the fire before we lost any stock items. Ijika worked quickly with stakeholders to ensure the offices were repaired and operational within 2 weeks.

EMBARK ON YOUR SOLAR JOURNEY:

IJIKA SERVICES IS READY TO HELP YOU HARNESS THE POWER OF THE SUN, REGARDLESS OF YOUR INDUSTRY OR SIZE. CONTACT US TODAY TO DISCUSS YOUR UNIQUE NEEDS AND UNLOCK A SUSTAINABLE FUTURE.

