



# SUSTAINABLE SOLAR SOLUTIONS DRIVE PROGRESS IN SOUTH AFRICA

BY: IJIKA SERVICES

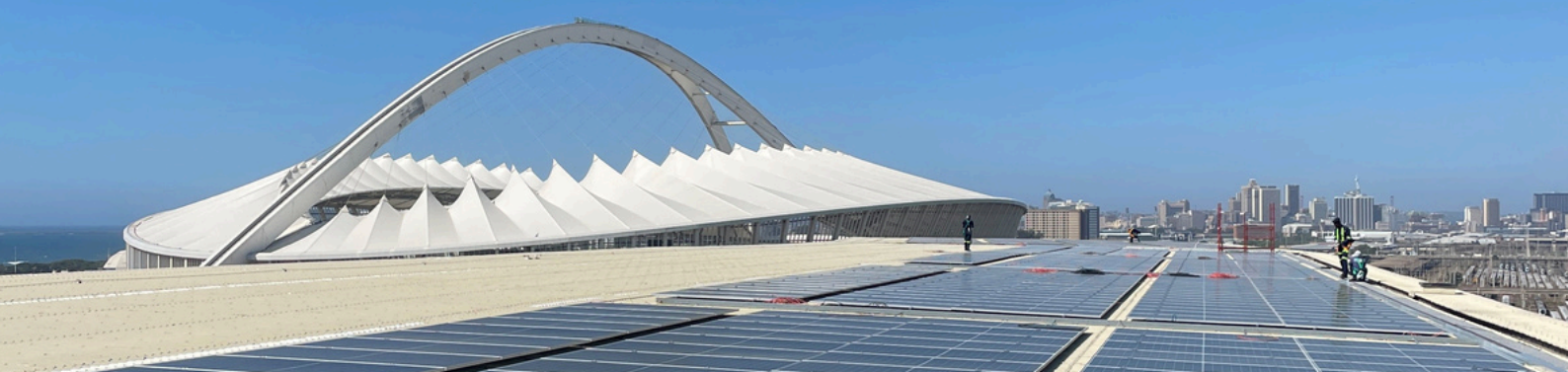


In the face of South Africa's energy crisis, Ijika Services joins forces with various contractors to power positive change through numerous impactful solar projects in Q1-Q2, 2024. Showcasing diverse expertise and the transformative power of solar across industries, these projects illuminate a collaborative path towards a sustainable energy future, fueled by sunshine and government incentives.

## HARNESSING THE POWER OF THE SUN:

- **Shopping Complex, North Coast of Durban:** This innovative project demonstrates solar reach with a -3821 panels (2MW) system, and 2000kVA Grid Tied inverters, promoting sustainability and cost savings on a larger scale project.
- **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.
- **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.

CONTINUE READING.....



# NEXT IN LINE WE HAVE....

- **Manufacturing Facility, Durban:** With 1213 panels, a 630kVA inverter system, and an integrated generator powered by 600kWh of battery power, the Wood manufacturing plant is set to become a shining example of sustainability, generating energy independence and cutting production costs dramatically.
- **Development Facility, Eastern Cape:** With 4745 solar panels, a 2.6MW grid-tied container system, and generator integration, this development powerhouse embraces solar energy with the goals of cost savings and energy independence.
- **Cold Storage Facility, Mpumalanga:** This cold storage facility prioritizes resilience with 1044 panels and a 574kVA Grid Tied inverter system, guaranteeing cost savings and energy independence.
- **Motor Vehicle Manufacturing, Amanzimtoti:** With a vast 584kW containerized grid-tied system with 1062 panels, this automotive titan is leading the trend, meeting a major amount of their energy demands and demonstrating the possibility of large-scale solar adoption.

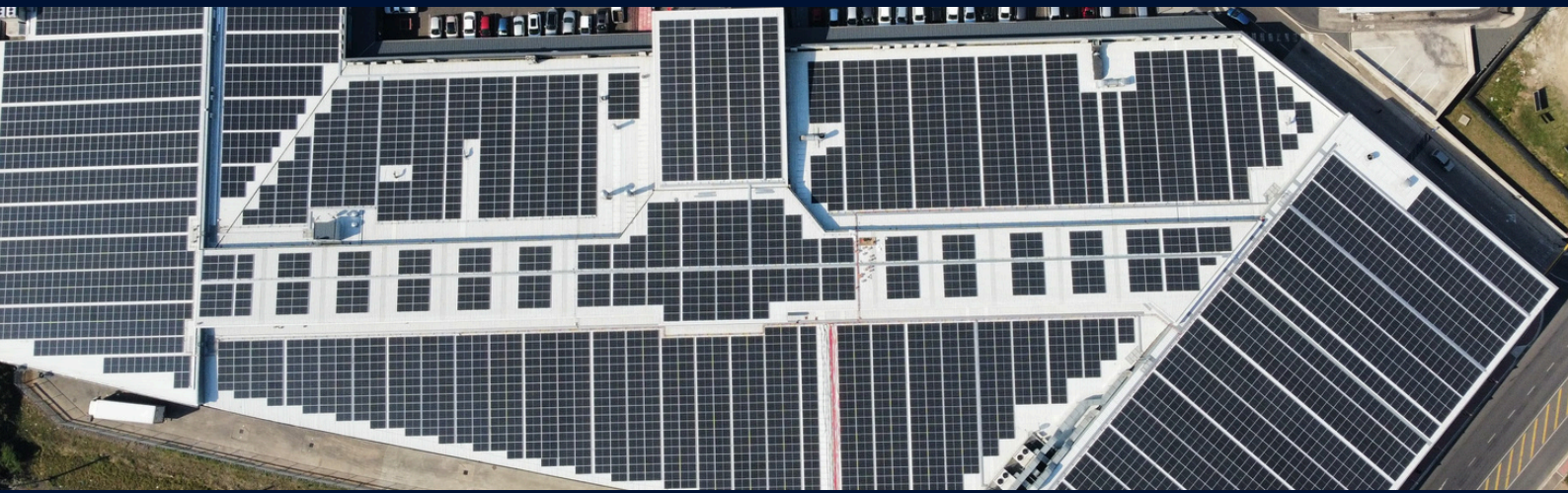


## Interesting Facts:

- Its location provides ample sunlight, making it ideal for solar power generation. With over 2,500 hours of sunshine annually, the country has immense potential to harness solar energy.
- The price of solar panels has dropped dramatically in recent years, making solar power a more affordable option for both residential and commercial users. This economic viability is driving its widespread adoption.
- The estimated annual solar energy production of this system is equivalent to offsetting approximately 657 tons of carbon dioxide emissions. This translates to a significant positive impact on the environment.







## CONCLUSION:

Harness the power of the sun and revolutionize your energy consumption with iJika Solar Solutions. Enjoy unparalleled energy independence, substantial savings on electricity bills, and a reduced environmental impact. Our expert team will design and install a solar system tailored to your specific needs. Embrace a cleaner, greener future while maximizing your property's value. Take the first step towards self-sufficiency and contact iJika Solar Solutions today for a free consultation.

## 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.

