



PREMIUM BOARDROOM SOLAR INVESTMENT PROPOSAL

CHIKWA PROP CC

38.1kWp Solar PV + 56.3kWh Battery Energy Storage System

Executive Dashboard

Investment: R570,000 Incl VAT

Electricity Cost Reduction: 65%

Annual Savings: Approximately R455,000

Monthly Savings: Approximately R38,000

Payback Period: 15–18 Months

10-Year Gross Savings: Greater than R8 Million

Net Benefit: Greater than R7.4 Million

COMPLETE HV HYBRID SOLAR INSTALLATION

SMART. RELIABLE. COMPLETE.

A complete high-voltage hybrid solar solution for your business.

Everything you need for clean, reliable power – designed for maximum savings and energy independence.

COMPLETE HV HYBRID SOLAR KIT

- ✓ Trina Solar x50 Panels (On Any Roof Type)
- ✓ GoodWe ET 50kW Hybrid Inverter
- ✓ GoodWe STS
- ✓ GoodWe HV Battery 56.3kWh (635.36–505.12)
- ✓ Full Installation & Commissioning
- ✓ 10 Year Warranty



SAVE MORE WITH SOLAR
Generate your own clean energy and reduce your reliance on the grid.



2 YEAR RETURN ON INVESTMENT
Save more from day one and see full returns in as little as 2 years.*



BUILT FOR SMALL BUSINESSES & FACTORIES
Designed to power your machines, offices and operations 24/7.



UNINTERRUPTED OPERATIONS
Automatic backup keeps your business running, always.



SUSTAINABLE & FUTURE READY
Reduce your carbon footprint and stay ahead of rising energy costs.

TrinaSolar
Vertex S+



**TRINA
SOLAR
x50
ON ANY
ROOF TYPE**

**COMPLETE HV HYBRID
SOLAR INSTALLATION**
R570 000
INCL VAT

**2 YEAR
RETURN ON
INVESTMENT***

SAVE NOW. PROFIT SOONER.
**FULL RETURN IN AS LITTLE
AS 2 YEARS!**

*Based on typical energy savings for small businesses and factories.



HIGH EFFICIENCY
Advanced technology for maximum performance.



SAFE & RELIABLE
Built with premium cells and multiple protection.



EASY INTEGRATION
Seamless compatibility and installation.



EXPERT SUPPORT
Local technical support you can trust.



**POWER YOUR BUSINESS.
SECURE YOUR FUTURE.**

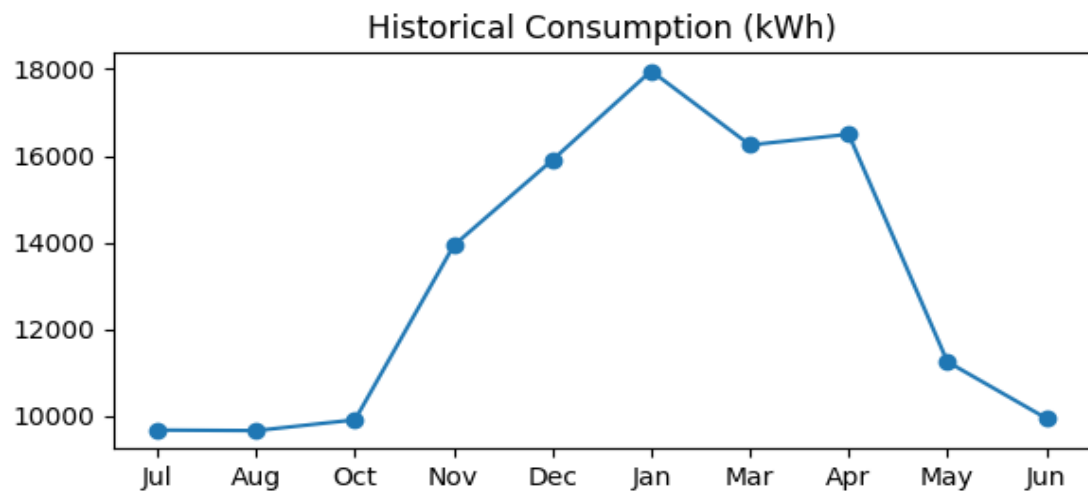
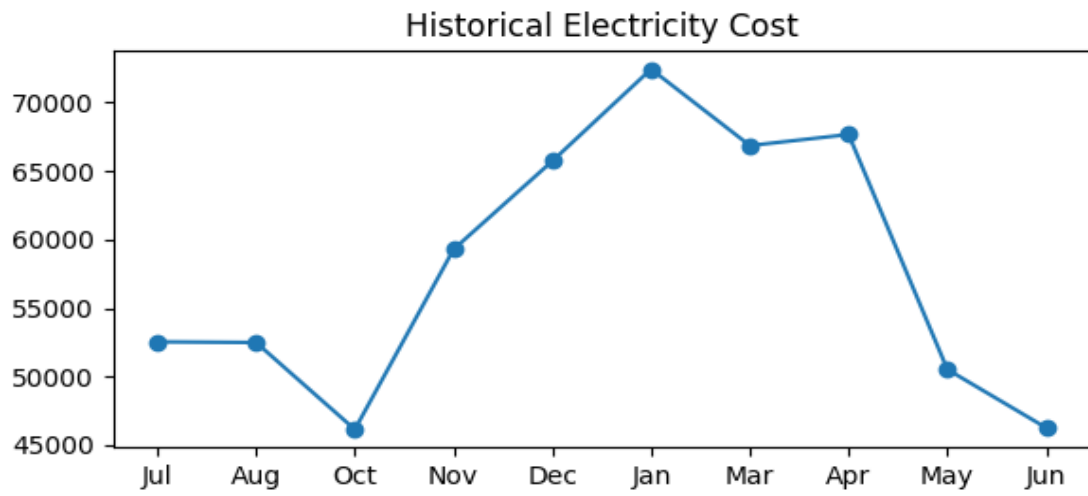


CONTACT US TODAY
for a customized solution.

Mic Sec
SOLAR POWER DIVISION

073 891 2332 / 079 851 1444
info@microsec.co.za
www.microsec Unit 6, Westway Drive, Ballito, KZN

Historical Energy Analysis



Proposed Solution

- 60 × Trina Solar 635W N-Type Modules
- Total Installed Solar Capacity: 38.1kWp
- GoodWe ET 50kW Hybrid Inverter
- GoodWe Static Transfer Switch (STS)
- GoodWe BAT-S 56.3kWh High Voltage Battery
- Full Installation & Commissioning
- Monitoring & Performance Reporting
- 10-Year Warranty

Financial Outcome

Based on actual municipal electricity consumption and expenditure, the proposed MicroSec solution is expected to reduce electricity costs by approximately 65%, generating significant operational savings while improving energy security and resilience.

Why MicroSec Solar Power Division

MicroSec brings over 21 years of technical experience in electrical, backup power and renewable energy systems. Our systems are engineered with correct cable sizing, proper earthing, compliant protection coordination, professional commissioning and long-term reliability as core design principles.

- SANS-Compliant Installations
- Commercial & Industrial Expertise
- Premium Equipment Selection
- Professional Monitoring & Support
- Long-Term Asset Protection

Investment Recommendation & Acceptance

The proposed 38.1kWp Solar PV and 56.3kWh Battery Storage System represents a compelling commercial investment with attractive returns, reduced operating expenditure and protection against future electricity tariff increases.

Client Name: _____

Signature: _____

Date: _____

MicroSec Solar Power Division

073 891 2332 / 079 851 1444

info@microsec.co.za

www.microsec.co.za