



CORPORATE SOLAR INVESTMENT PROPOSAL CHIKWA PROP CC

38.1kWp Solar PV + 56.3kWh Battery Energy Storage Solution

Prepared by MicroSec Solar Power Division

Executive Investment Summary

- System Cost: R570,000 Incl VAT
- 60 x Trina Solar 635W N-Type Modules
- Total Solar Capacity: 38.1kWp
- Battery Storage: 56.3kWh
- Electricity Cost Reduction: 65%
- Projected Annual Saving: R383,500
- Projected Payback: ~18 Months
- 10-Year Gross Savings: ~R6.11 Million
- 10-Year Net Benefit: ~R5.54 Million

This proposal demonstrates how a MicroSec engineered solar and battery solution can reduce operating costs, improve energy security, and protect against future tariff increases.

Recommended Solution



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.



Trina solar
Vertex S+

**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.



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Financial Analysis

Current annual electricity expenditure is estimated at approximately R590,000. Using a conservative 65% electricity cost reduction model, first-year savings are projected at approximately R383,500. The project is expected to achieve payback in approximately 18 months and generate more than R6.11 million in gross savings over 10 years.

Year 1: Estimated Savings R383,500

Year 2: Estimated Savings R421,850

Year 3: Estimated Savings R464,035

Year 4: Estimated Savings R510,439

Year 5: Estimated Savings R561,483

Year 6: Estimated Savings R617,631

Year 7: Estimated Savings R679,394

Year 8: Estimated Savings R747,333

Year 9: Estimated Savings R822,066

Year 10: Estimated Savings R904,273

Why Choose MicroSec

With more than 21 years of technical experience, MicroSec Solar Power Division focuses on engineering systems correctly. We emphasise SANS-compliant installations, correct cable sizing, proper earthing, protection coordination, professional commissioning and long-term reliability.

- Commercial & Industrial Solar Solutions
- Backup Power & Energy Storage
- SANS-Compliant Electrical Design
- Professional Monitoring & Support
- Premium Tier Equipment Selection
- Long-Term Asset Protection

Investment Recommendation & Acceptance

The proposed 38.1kWp Solar PV and 56.3kWh Battery Storage System presents a strong commercial investment with attractive returns and significant long-term savings.

Client Name: _____

Signature: _____

Date: _____

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