

# North West Rooftop Solar Portfolio – Financial & Analytics Case Study (2 MW)

This case study presents a realistic financial and analytics assessment of a commercial rooftop solar portfolio installed across shopping centres and residential blocks in North West Province, South Africa. The project reflects a scalable commercial & industrial (C&I;) solar investment structure suitable for private offtake.

## Project Overview

- Portfolio capacity: 2 MW
- Project type: Commercial rooftop solar (private PPA)
- Location: North West Province
- Project life: 20 years

## Financial Structure

- Installed CAPEX: ~R23 million
- Debt / Equity: 50% / 50%
- Private PPA tariff: R1.35/kWh (escalating)
- Section 12B accelerated depreciation applied
- VAT modelled with timing effects

## Key Insights

The analysis demonstrates how properly structured rooftop solar portfolios can deliver attractive risk-adjusted returns to investors while providing immediate energy cost savings to commercial property owners and tenants.

*This project is an illustrative case study based on market-realistic assumptions and does not represent a specific investment offer.*