

Introduction

One of fifty lodges located in the Welgevonden Game Reserve, Mhondoro Safari Lodge & Villa has been the first lodge to transition away from the national grid to renewable energy in a major effort toward a cleaner and more sustainable future.

After 2 years of planning and 2 months to install the system, the lodge has successfully moved off-grid, operating without any further interruption.

Site Statistics

Customer	Mhondoro Safari Lodge & Villa
Site location	Limpopo, South Africa
Customer Segment	Commercial
Installer / EPC	Green Power Simplified
Commissioned	February 2021

Application

- ☐ Energy Arbitrage / Energy Cost Management
- ☐ Power Quality / Reliability
- ☐ Peak Shaving
- ☒ Integration with Renewable Energy Sources
- ☒ Energy Backup Source



Installed Solution

Qty	Item
2	Battery: Freedom Won LiTE Commercial 500/400 HV
2	Inverter: ATESS HPS120 hybrid inverter
640	PV Array: 1.2MWh (generated daily) PV Array

Scope of Work

- Research
- Conceptualisation
- Supply
- Install
- Training

For more information on this project, click [here](#)