

WINE AND LiTE - THE PERFECT PAIR

1.2MWh Grid-Tied Hybrid BESS Installation

AGRICULTURAL

Introduction

Springfield Wine Estate has gone green! With 1200kWh of energy storage capacity, power outages are a thing of the past, as the wine is kept fresh and flowing.

The BESS has been installed to ensure optimal energy storage via PV or the grid, while still tied to a diesel generator as an additional backup source to make sure that the customer has power at all times.



Site Statistics

Customer	Springfield Wine Estate
Site location	Western Cape, South Africa
Customer Segment	Agricultural
Installer / EPC	Motla
Commissioned	November 2022

Installed Solution

Qty	Item
-	Battery: 1200kWh energy storage
-	Inverter: 1000kW AC inverter output
-	PV integration
-	Grid and generator integration

Scope of Work

- Research
- Conceptualisation
- Supply
- Install
- Training

Application

Energy Arbitrage / Energy Cost Management Power Quality / Reliability Peak Shaving

Integration with Renewable Energy Sources Energy Backup Source