

Introduction

Sustain Solar were contacted by a manufacturing facility in Johannesburg to assist in providing a battery backup solution in order for the factory to continue with normal operations during power outages.

The BESS would also need to incorporate cost saving solutions such as peak shaving, which would help reduce their monthly electricity bill, as well as the timeframe to see an ROI on the installed system.

Site Statisticstics

Customer	New Age Plastics
Site location	Johannesburg, South Africa
Customer Segment	Industrial
Installer / EPC	Sustain Solar
Commissioned	5 June 2023

Application

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



Installed Solution

Qty	Item
5	Battery: Freedom Won LiTE Commercial 400/320 HV+
2	Inverter: ATESS PCS500
-	Rooftop solar integration

Scope of Work
<ul style="list-style-type: none">• Research• Conceptualisation• Supply• Install• Training