

Introduction

In a effort to avoid power supply interruptions affecting retailer operations throughout the mall, Modi Mall contacted Exemplar to provide a solution to keep the lights during interruptions, as well as reduce their electricity bill via means of peak shaving and load shifting.

Exemplar decided to proceed with a massive 2.8MWh BESS with PV, which would prove to be more than suitable to provide power during interruptions.

Site Statiscitics

Customer	Modi Mall
Site location	Modimolle, South Africa
Customer Segment	Commercial Buildings
Installer / EPC	Exemplar
Commissioned	October 2022

Application

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



Installed Solution

Qty	Item
4	Battery: Freedom Won LiTE Industrial 700/560 HV+
2	Inverter: ATESS PCS500 inverter
2	ATESS TX500 transformer
-	Rooftop solar integration
-	Grid and generator integration

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