

# MFAR KEYSTONE

## DG POWER

## INFRASTRUCTURE PROJECT

### Client:

MFAR Developers Pvt. Ltd.

### Location:

Whitefield Main Road,  
Opp. VR Mall,  
Bengaluru – 560048



## Project Overview

MFAR Keystone is a premium commercial development requiring a reliable and compliant power backup infrastructure. ESCON Gensets was entrusted with the supply, installation, and commissioning of DG sets, synchronizing and MCC panels, and a complete HSD fuel storage system.

The project was executed during the COVID-19 pandemic, under severe movement restrictions and safety constraints, making execution resilience and risk management critical success factors.

## Scope of Work

- 1 × 1500 KVA & 2 × 1010 KVA Caterpillar DG Sets
- Synchronizing Panel & MCC Panel
- HSD Fuel System – 20 KL including statutory approvals
- Earthing system
- Power & control cabling
- Certifications & approvals

## Technical Specifications

**DG Sets:** 1 × 1500 KVA & 2 × 1010 KVA

**Synchronizing Panel:** Auto load sharing

**HSD System:** 20 KL storage tank

**Panels:** IP-55 enclosure

**Cables:** Polycab



# EXECUTION EXCELLENCE UNDER COVID-19 CONSTRAINTS

## Key Challenges & Solutions

### COVID-19 Lockdowns & Movement Restrictions:

- Prior approvals from Police Department & Health Authorities
- Phased manpower mobilization and local coordination

### Health & Safety of Workforce:

- Strict COVID protocols, PPE usage, thermal screening

### Limited Skilled Manpower:

- Multi-skilled teams and staggered shifts

### Supply Chain Disruptions:

- Buffer stocking, alternate vendors, controlled logistics

### Maintaining Timelines & Quality:

- Milestone-based execution and continuous quality checks

### Client & Stakeholder Coordination:

- Regular virtual reviews and progress updates

### Risk Management Approach

A structured risk management framework was adopted to address health, regulatory, manpower, supply chain, schedule, and quality risks.

Continuous monitoring of government guidelines, proactive approvals, and disciplined execution ensured safe and uninterrupted progress throughout the project lifecycle.

### Sustainability & Compliance

- Caterpillar DG sets selected for optimal load efficiency
- Acoustic and exhaust systems designed to minimize noise impact
- All statutory approvals obtained
- Strict adherence to safety, COVID protocols, and site regulations

### Outcomes & Client Value

- Successful commissioning during peak pandemic period
- Zero safety incidents during execution
- High-quality, reliable power backup delivered on schedule
- Certificate of Appreciation and Silver Coin received from MFAR Constructions
- Established ESCON as a dependable long-term power partner

## Leadership Team

Project HOD: Sukumar G.

Project Manager: Ugre Gowda

Engineering Manager – Lawrence

Engineer: Shiva Prasad

