



VELS Jollywood Studios & Adventures – Integrated Power Infrastructure

Project Overview

Escon successfully executed the supply, installation, testing, and commissioning of integrated DG and electrical infrastructure for VELS Jollywood Studios & Adventures, a large-scale amusement and entertainment destination in Bengaluru. The project involved complete HT and LT infrastructure integration including DG sets, synchronization systems, HT/LT panels, capacitor banks, exhaust systems, bus ducting, cabling, and earthing works.

Scope of Work

- 2 × 625 KVA DG Sets
- Synchronization Panel suitable for 3 × 625 KVA + 1 × 500 KVA
- Main LT Panel with 350 kVAR, 450 kVAR & 475 kVAR Capacitor Sections
- 11kV, 1250A, 25 kA HT Panel
- 3200A Bus Duct
- Exhaust piping with self-supporting structure
- Power & control cabling with earthing stations
- 8 Nos. 400A MCCB Panels



Project Snapshot

Client: VELS Studios & Entertainment Pvt. Ltd.

Execution Partner: Escon Gensets Pvt. Ltd.

Location: Bidadi, Ramanagara, Bengaluru

Commissioning: August 2023

Warranty: 24 Months





Technical & Execution Challenges

- Complex synchronization compatibility between different make of DG sets
- Execution of complete HT & LT infrastructure
- Coordination between HT, LT, DG, capacitor bank, and MCCB systems
- Stringent safety and statutory compliance for 11 KV infrastructure

Engineering Excellence & Execution Strategy

Escon adopted a structured engineering and execution approach to ensure seamless integration of all interconnected electrical systems. Detailed planning, interlocking logic validation, synchronization studies, and phased execution enabled safe and efficient commissioning of the complete infrastructure.

The project demonstrated Escon's capability to manage turnkey electrical execution, including DG systems, HT/LT panels, synchronization philosophy, exhaust systems, structural works, cabling, and earthing under one package.

Safety, Quality & Compliance

Execution of 11 kV HT systems required stringent adherence to electrical safety standards, shutdown coordination, and deployment of authorized manpower. Continuous safety monitoring, PPE compliance, tool-box talks, and quality inspections were implemented throughout all phases of execution.

All installation and commissioning activities were carried out following approved engineering standards and statutory requirements.



Client Value Delivered

- Single-point responsibility for complete power infrastructure execution
- Reduced coordination gaps between multiple agencies
- Reliable and synchronized power distribution architecture
- Timely execution with strong engineering coordination
- Enhanced client confidence through proactive problem-solving and support



What Set Escon Apart

While the project involved multiple interconnected electrical systems and a highly critical HT/LT integration scope, Escon successfully executed the entire package through strong engineering capability, execution planning, and cross-functional coordination. The successful delivery reinforced Escon's position as a reliable turnkey power solutions partner.