

# Electrical Solutions for Industry



We have skilled engineers with a proven track record who provide bespoke solutions with a focus on energy and sustainability. Our turnkey offer includes project scoping, design, supply, installation and commissioning.

## Our areas of expertise are:

- Mini Substations / Transformers
- MV Switchgear
- LV Switchgear
- Smart Metering
- Power Quality and Load Analysis
- Thermal Imaging
- Power Factor Correction
- Tariff Analysis
- Surge Protection
- Earthing, Lightning Protection & Bonding Assessments
- Electrical Distribution Boards / Motor Control Centres
- Electrical Reticulation
- Back-up Power
- UPS & Generator Solutions
- SCADA & PLC Solutions
- Automation and Motor Control



Turnkey Projects



Energy Sustainability



Technical advice from  
qualified Engineers &  
Technicians

# Electrical Services for all Electrical Infrastructure

## Electrical Switchgear (MV&LV), Motor Control, & Automation

- Audit and Reports
- Fault Finding and Trouble Shooting
- Servicing and Testing
- Retrofits
- Upgrades
- Testing and Commissioning

## Power Management

We conduct load recordings for energy efficiency initiatives, including load curtailment. Load analysis provided for sizing PV solar, generators, factory upgrades and power factor improvements. Our services also include electrical tariff analysis.

## Power Quality Assessments

We have a fleet of 15x calibrated PQ meters and a team of qualified technicians and engineers who service our client's needs with assessing site conditions. We review our client local electrical network with specific emphasis on voltage dips, surges, harmonics, unbalanced loads and transients. We provide a detailed report with remedial works required and can offer a turnkey solution thereafter.

## Compliance - Thermal Imaging

We provide auditing of electrical infrastructure for health & safety compliance. Through thermal imaging inspection, we develop a comprehensive report and recommendations for remedial works.



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