



**EIS has extensive
experience &
expertise in
electrical &
automation design.**

EIS has extensive experience in scope and specification development, design drawings and schedules for multiple industries including industrial and commercial buildings in various industries including energy, water & wastewater and food and dairy processing.

EIS provide a full turnkey package where we utilise our engineering, electrical and project management team to design, install, project manage and commission electrical equipment required at both greenfield and brownfield sites.

Our capabilities include:

Power Supply & Control Systems

- Co-Generation, standby and standalone Generation
- MV and LV power supply and distribution systems with or without multiple points of supply, RMU's and off-grid systems
- Distribution and motor control centres (MCCs) including prebuilt and pretested transportable options
- Motor control systems, including Variable Speed Drives, Soft Starters and their associated metering and protection equipment
- Harmonic mitigation and elimination systems for a plant with embedded VSD's and switch-mode power supply loading, such as data centres

Management of the working environment

- Building services including heating, ventilation and air conditioning supply control and monitoring systems, including control instrumentation
- Refrigeration systems, including electrical supply, control and monitoring systems including control instrumentation
- Lighting design to meet OSH requirements for public and work areas
- Hazardous area electrical design, installation, commissioning, testing and inspection
- Electrical equipment in damp and chemically loaded areas
- Energy efficiency systems for new builds and for retrofitting or upgrading existing plant