

# CDMS ELECTRICAL ENGINEERING

Delivering quality electrical engineering services  
and project management expertise  
through innovation and attention to detail.

## A COMPREHENSIVE APPROACH

### DELIVERING COMPLETE ELECTRICAL ENGINEERING SOLUTIONS

CDMS Electrical Engineering delivers specialist electrical engineering and optimisation services, providing a complete engineering solution tailored to your specific needs. We offer both site and office based electrical and safety solutions, with the ability to provide additional multidisciplinary engineering support

## COMPLETE SCOPE OF SERVICES

### TAP INTO A TEAM WITH SPECIFIC INDUSTRY EXPERIENCE

With our focus on the energy, construction, mining, heavy and light industries, you can be assured that we understand your specific needs. Whether it be power generation, networking or system audits, we can look after the full scope of your electrical services needs. A selection of our services comprises:

#### Power Systems

Including design, optimisation, project management and commissioning of the following:

- Power system fault analysis
- Protection grading, settings and calibration, optimisation & fault operation analysis
- Earth mat and lightning protection
- VVVF drives
- Switchboard and reticulation
- Power generation, including synchronisation
- HV and LV substations

#### Automation & Control

From greenfield feasibility studies through to brownfield optimisation and commissioning, including:

- Programmable Logic Controllers
- SCADA & Telemetry Systems
- Instrumentation
- Networking

#### Electrical Audits & Reviews

- AS3000 Audits
- Electrical safety management documentation and implementation
- High and low voltage audits
- Safe operating procedures review and system audits
- Electrical Safety Audits

#### Electrical Drafting

Comprising detailed electrical design, SLDs, schematics, termination diagrams and tracing, among others.

#### Building Services

Such as internal or external lighting design, industrial and commercial power reticulation and network cabling.

## SAFETY FIRST

### VALUE ADDED SERVICES

Our team works in conjunction with our clients in developing, implementing, reviewing and monitoring risks in the following areas:

- Occupational Health and Safety Management Systems
- Electrical Safety Management Systems
- Training and Assessments
- Contractor Management Systems
- Compliance Audits and System Reviews

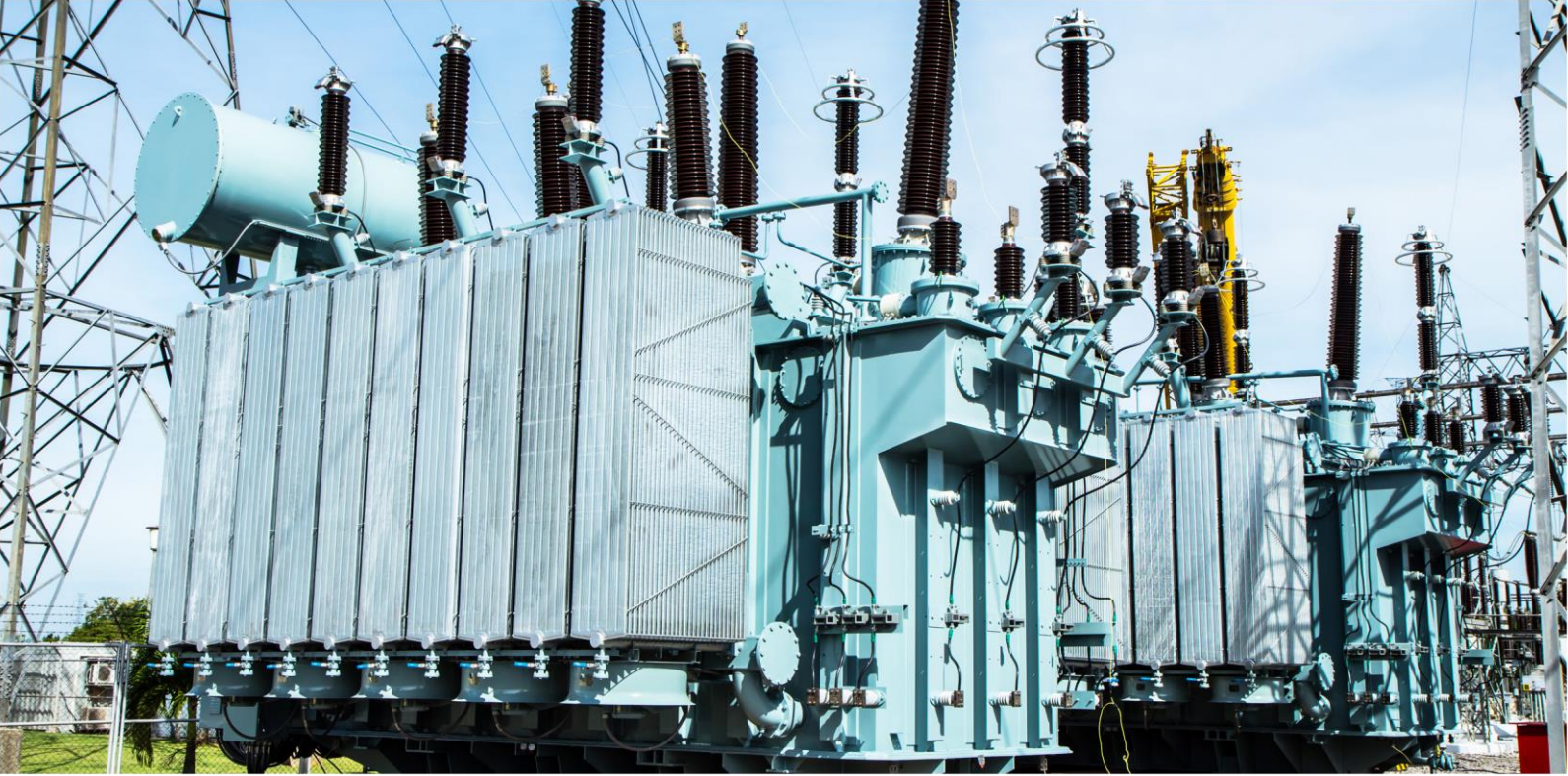
## EXCELLENT TRACK RECORD

### QUALITY, PROFESSIONAL AND EFFICIENT SERVICE

We understand the importance of accuracy and focus on correctly documented designs, leading to cost-effective and high-quality outcomes. Our strong and proactive management structure coupled with a skilled team of technical professionals form the framework for our excellent track record. The satisfaction of customer needs and exceeding their expectations continues to be our company vision.







# ABOUT US

Established in NSW in 2000, CDMS Electrical Engineering provides specialist electrical services throughout Australia. The company services the energy, construction, mining, heavy and light industries, with innovative industry expertise and management services.

The dynamic team works in close collaboration with clients to successfully implement engineering projects, and takes pride in offering quality, value-adding engineering and project management services.

CDMS Electrical Engineering, Mineral Engineering Technical Services

(METS), CDMS Consulting Engineers, and Design Engineering, together provides a wide array of quality engineering services across the mining, oil and gas, water, power, chemicals, infrastructure, environmental, residential and commercial sectors with expertise across a range of engineering and consulting services.

Our capabilities range from mineral processing, design and verification, product innovation and project management through to environmental, operations, training and skills hire services.

# OUR CORE VALUES



T: (461 8) 9421 9060  
 E: info@cdmselectrical.com.au  
 W: www.cdmselectrical.com.au