



Powering tier-one commercial projects

Your trusted partner in commercial electrical excellence across NSW.

JSG Electrical is a certified Indigenous-owned commercial electrical contractor delivering rigorous safety and end-to-end project ownership to government and private-sector clients across New South Wales.

CERTIFIED & ACCREDITED

Indigenous-Owned

Supply Nation

CM3 Certified

NECA Affiliated

A leading Indigenous-owned electrical contractor

Founded in 2018, JSG Electrical Pty Ltd is a dynamic and versatile commercial electrical contractor delivering complex projects across New South Wales. We bring rigorous safety standards and end-to-end project ownership to every engagement — from base-building infrastructure to specialist fit-outs.



2018

ESTABLISHED

NSW

STATEWIDE REACH

100%

COMPLIANCE FOCUS

24/7

EMERGENCY RESPONSE

OUR CAPABILITIES

01

Switchboard & power

New boards, upgrades, RCD integration, surge protection and supply-authority engagement.

02

Sustainable energy

Power factor correction, embedded networks, EV charging, solar and LED upgrades.

03

Building works & compliance

Switch-room upgrades, BCA works, fire doors, civil, patching and epoxy flooring.

04

Base building infrastructure

Submains, CT metering, base-building lighting, NBN lead-in and backbone cabling.

05

Commercial fit-outs

Design, installation, lighting and body-protected medical environments end-to-end.

06

Maintenance & service

Routine inspections, preventive maintenance, diagnostics and 24/7 emergency repairs.

Switchboard, power & sustainable energy

A recognised leader in switchboard and power-infrastructure installations, delivering high-quality, future-ready energy solutions for commercial, industrial and multi-tenant developments — all to current Australian Standards.

New switchboard installation

New boards for commercial and industrial sites — sized for current load and future expansion, with solar and battery integration.

Switchboard upgrades & RCDs

Replacement of main, distribution and sub-boards in multi-tenant buildings, with modern circuit breakers and safety switches.

Surge & thermal protection

Surge protection plus thermal imaging to find overheating, faults or imbalanced loads before they become safety issues.

Earthing & supply authority

Main earth, bonding and earthing-rod upgrades, plus supply-authority consulting for seamless, compliant connections.

Power factor correction

Tailored PFC and capacitor banks to lower demand charges, extend equipment life and meet energy-provider requirements.

Embedded networks

Reconfiguration of systems for embedded networks — enabling centralised energy purchasing and seamless solar, battery and EV integration.

EV charging solutions

End-to-end supply and commissioning of single and three-phase chargers across commercial, industrial and strata sites, with load management.

Solar & lighting upgrades

Grid-connected and off-grid solar using Tier 1 equipment, plus LED retrofits, emergency lighting and smart controls.



Building works, compliance & base building

A true single-contractor solution — beyond electrical, we deliver the building, compliance and core base-building infrastructure that keep switch rooms and commercial developments safe, certified and Code-compliant.

Switch-room upgrades & BCA

Fire-safety upgrades, structural modifications and energy improvements to bring switch rooms to BCA standards.

Building works

Compliant BCA works — access, handrails, treads and risers, non-slip treatments, ramps, stairs and fire-rated materials.

Fire doors & flooring

Certified fire-door systems, inspections, tagging and strata reporting, plus durable epoxy floor systems for switch rooms.

Civil, patching & plastering

Civil and excavation works, plasterboard, suspended ceilings, bulkheads and acoustic-rated remedial systems.

Base building electrical

Main switchboards, distribution boards, submains, metering and essential services for core building infrastructure.

Power submains upgrades

Reliable submain upgrades that increase capacity, improve safety and ensure compliance for new and existing infrastructure.

CT metering

Installation, commissioning and integration of current transformers, compliant with utility and energy-management standards.

NBN, lead-in & backbone

End-to-end NBN, pit and pipe works, conduit, plus structured fibre and copper cabling for voice, data and networks.

BASE BUILDING & REMEDIAL WORKS



Commercial fit-outs, maintenance & service

From initial planning and design to final commissioning — including specialist medical environments — then a proactive maintenance partnership that keeps your systems running smoothly and minimises downtime.

Design & planning

Collaborating with architects and designers on electrical layouts, product selection and placement of outlets, lighting and components.

Electrical systems install

Wiring, circuit breakers, switchboards and distribution panels integrated safely and efficiently into the building.

Lighting & power distribution

Ambient, task and accent lighting plus reliable distribution with dedicated circuits for specialist equipment.

Cardiac & body-protected areas

Body-protected areas, dedicated circuits and outlets for medical equipment in hospitals and patient treatment areas.

Data & comms cabling

Cabling for data networks, telecommunications, security and fibre optic systems for seamless connectivity.

Routine inspections

Regular checks of wiring, outlets, switches and circuit breakers to identify issues before they become serious problems.

Preventive maintenance

Scheduled cleaning, tightening of connections and replacement of worn components to prevent equipment failure.

Testing & diagnostics

RCD testing, emergency light testing, circuit continuity testing and thermal imaging to detect hot spots.

Emergency repairs

Immediate response to faults to restore power safely — blown fuses, tripped breakers and malfunctioning equipment.

Documentation & reporting

Detailed records of maintenance, inspections and repairs — plus full testing and handover — essential for compliance.

COMMERCIAL & HEALTHCARE FIT-OUTS

WHY PARTNER WITH US

Why partner with JSG Electrical

- 01 Indigenous-owned & Supply Nation certified**
Supporting community engagement, diversity and procurement goals.
- 02 Industry certified — CM3 & NECA**
A demonstrated commitment to safety and compliance.
- 03 Future-ready solutions**
Specialists in EV, embedded networks and smart technology.
- 04 Tailored & scalable services**
From small projects to large-scale infrastructure.
- 05 Reliable & transparent**
Trusted by government and private-sector clients.

WHAT OUR CLIENTS SAY

“

“JSG Electrical have consistently delivered to an exceptional standard across multiple commercial projects. Having worked with them repeatedly, we have full confidence in their ability to deliver high-quality results every time.”

— Carl Riley

COMMERCIAL CLIENT

“

“Their consistency, professionalism and attention to detail set them apart. We highly recommend JSG Electrical to anyone seeking a premium, dependable service.”

— Damian Soto

COMMERCIAL CLIENT

“

“As a commercial builder, we require trades that operate with precision and reliability. JSG Electrical deliver on all fronts — a trusted and valued contractor within our delivery team.”

— Joseph Hekkenberg

COMMERCIAL BUILDER

“

“They’ve consistently delivered when it counts most, especially under tight deadlines — a reliable contractor who gets the job done properly and on time.”

— Rupert Ranieri

BIMBA PROJECTS

Let's talk

We're here to help with your next commercial project.

For more information about our services or to discuss your requirements, contact the team:

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