



COMPANY PROFILE

JCW Electrical is your local WA south-west electrical company. JCW Electrical, has been providing industrial, commercial and residential services for 10 years.



HISTORY

'We're going to provide Bunbury and the south west with the best possible electrical service we can, we're going into business!' - December 2007

From humble beginnings in 2008, Jay was able to leverage from the experience he gained during his early heavy industrial days.

With a combination of astute electrical problem solving skills, a passion for customer service and a can do attitude, Jay quickly found a way to deliver successful electrical outcomes for residential and domestic customers throughout Bunbury. During the early years and with organic growth, business reputation spread throughout the wider south west regions and new services such as voice & data communications were introduced to deal with ever increasing demand.

Today, underpinned by the original five core company values of Safety, Honesty, Integrity, Transparency and Innovation **JCW Electrical Group** now employs 25 staff across its Services & Projects business units. As we did from week one, we continue to provide cutting edge electrical solutions to customers and major clients in Western Australia.

We've never forgotten our roots and who we are and we're extremely proud of what we do – no job is too large or too small for **JCW Electrical Group**.

Jay Woolhead
CEO & Managing Director



HSE

Zero harm target is our #1 priority for all people and environment

Health, Safety & Environment

The safety of our workforce is the most important aspect of our business, no exception.

JCW Electrical Group aims to stay at the fore front of the industry and have adopted and developed HSE policies and management practices that sees the quality control of every task. Our Safety systems are in accordance with AS/NZS 4801:2001 and they are instilled into our employees ensuring that our work is completed with zero harm as our #1 priority.

JCW Electrical Group is committed to ensuring that our operations are conducted with zero harm to all people and the environment and the quality of our products and services are upheld and consistently maintained.

Our HSE Culture

All of our themes have supporting behaviors. The 'everyone' behaviors apply to all people regardless of their role. The application of these behaviors will ensure that together we achieve alignment of policy, process and actions, which we regard as key to realizing our target of zero harm.



We empower our people to:

- ✓ Intervene when they witness any 'at-risk' behaviour
- ✓ Lead by example
- ✓ Identify and manage hazards associated with the activities for which they are responsible
- ✓ Courageously and honestly report all accidents and hazards
- ✓ Take the time to do things right; do the job safely or not at all – do not cut corners

THEME	MANAGERS	SUPERVISORS	EVERYONE
Risk Management >	Confront Risk	Promote Risk Awareness	Be Mindful
Standards >	Set High Standards	Ensure Compliance	Follow Rules
Communication >	Communicate Openly	Encourage the team	Speak Up
Involvement >	Stay Involved	Involve the Team	Get Involved



RESIDENTIAL

Every job, no matter the size and complexity is carried out in a safe and professional manner

Recognised as one of Western Australia's leading electrical contractors, JCW Electrical Group delivers high quality construction and maintenance outcomes for a wide range of Domestic clientele.



JCW electrical



RESIDENTIAL

JCW Electrical Group, has been providing residential maintenance and installations in and around the greater Bunbury & Busselton regions for over two decades.

Since its inception in 2008, JCW Electrical Group have become leaders in the electrical industry. Our teams of qualified electricians ensure that every job, no matter the size and complexity is carried out in a safe and professional manner.

Our 24/7 services team are capable of resolving multiple electrical tasks, they have built a solid reputation within the domestic market, with customer satisfaction, guaranteed.

JCW Electrical Group's suite of maintenance and installation services to the residential sector encompasses:

- ✓ Installation of electrical power and lighting systems, smoke alarms, RCD's & switchboards
- ✓ 24/7 Emergency breakdown service
- ✓ Property Management – electrical maintenance and new installations
- ✓ Electrical asset maintenance
- ✓ Design of electrical systems
- ✓ Underground electrical supply
- ✓ Electrical compliance, testing and certification



COMMERCIAL

Continued support and maintenance ensures systems operate at peak optimum performance

*Recognised as one of Western Australia's leading electrical contractors, **JCW Electrical Group** delivers high quality construction and maintenance outcomes for federal, state and local government, private clients, property developers and major corporates in the commercial sector.*

*For many years, **JCW Electrical Group** has built a solid reputation of successfully delivering electrical solutions for Commercial businesses across the greater Bunbury, Busselton and wider south west regions of Western Australia.*

Since its inception in 2008, **JCW Electrical Group** have become leaders in the electrical industry. Our teams of qualified electricians ensure that every job, no matter the size and complexity is carried out in a safe and professional manner.

Our trained technicians are capable of resolving the most complex of electrical issues, they have built a solid reputation within the commercial market, with client satisfaction, guaranteed.





COMMERCIAL

JCW Electrical Group offers commercial clients programmed maintenance schedules taking the guesswork out of budgeting, scheduling and completion of routine electrical systems maintenance with our emergency response technicians available 24/7 365 days per year.

JCW Electrical Group's suite of maintenance and installation services to the commercial sector encompasses:

- ✓ Electrical Design & Construction
- ✓ Switchboard & metering alterations
- ✓ Standby generators
- ✓ Uninterrupted power supply (UPS)
- ✓ Energy management systems / power audits
- ✓ Light and power installation
- ✓ Exit and emergency lighting
- ✓ 24/7 maintenance and servicing

Business sectors covered include:

Commercial

Defence

Public sector

Entertainment venues

Government rollouts



INDUSTRIAL

Our technical know-how and many years of experience means that we can provide innovative solutions

*Recognised as one of Western Australia's leading electrical contractors, **JCW Electrical Group** delivers high quality construction and maintenance outcomes for heavy industrial projects in mining, transportation and power generation sectors.*





INDUSTRIAL

The DNA and backbone of the JCW Electrical Group was established in the heavy industrial, utility and power generation sector.

Our technical know-how and many years of experience in this complex infrastructure space means that we can provide innovative solutions for a broad range of international clients. From design and construct, to commissioning and maintenance support, we can provide tailored electrical, instrumental and communication services to meet operational requirements.

JCW Electrical Group's suite of maintenance and installation services to heavy industry projects encompasses:

- ✓ Electrical and instrumentation works
- ✓ Installation of switchgear and control systems
- ✓ Underground cabling
- ✓ Installation of switch rooms and MCC's
- ✓ Conveyors and materials handling systems
- ✓ Assembly of modular units and skids
- ✓ Lightning protection
- ✓ Surge / overvoltage protection

JCW Electrical Group also offers maintenance, modifications and operation support services including:

- ✓ Sustaining Capital projects
- ✓ Asset remediation works
- ✓ Brownfield tie-ins
- ✓ Shutdown planning and execution
- ✓ Pre-commissioning, commissioning and completions
- ✓ Telecommunications and fibre optics

COMMUNICATION

Continued support and maintenance ensures systems operate at peak optimum performance

JCW Electrical Group provides flexible and cost effective voice and data telecommunication design and construction services that support domestic, commercial and industrial clients throughout Western Australia.

As companies face the challenge of which telecommunications capabilities they need in order to support their business activities, JCW's team of skilled technicians engineer and design modern solutions to meet budgets and technical scope requirements.

Working in partnership with trusted vendors, **JCW** acquires and provides communication networks developing bespoke systems to deal with the increased technological demand in the ever changing business world.

JCW can seamlessly link design, technology, innovation and market experience to successfully deploy stable and reliable network systems. Providing continued operational support and maintenance ensures customers systems operate at peak optimum performance.



COMMUNICATION

JCW Electrical Group is a Certified Installer of Molex systems and an accredited member of the Molex Premise Networks Business Partner Program. Our Molex copper and fibre data transport solutions come with the backing of a 25 year system performance and application assurance warranty.



JCW's comprehensive range of engineered design and installation solutions:

Structured Cabling

- ✓ Cat 6, 6A & 7 copper

Design and construction

- ✓ Design, procurement and installation of fibre optic and structured cabling networks
- ✓ Design, procurement and installation of routed and switched networks
- ✓ Design, procurement and installation of server and storage hardware

Communication solutions

- ✓ Mobile tower cable installations
- ✓ Coax cable grounding
- ✓ Transient overvoltage protection
- ✓ Wireless LAN installation and commissioning

Fibre optic networks

- ✓ Outside Plant (OSP) construction, certification and commissioning
- ✓ Fibre optic splicing
- ✓ Single mode and multimode installation

Data Centre Construction

- ✓ Data cabinet, server cabinet and secure cabinet installations

Testing services

- ✓ Fibre optic connector scope test and certification
- ✓ Polarisation mode dispersion (PSD) measurement
- ✓ Return loss and insertion loss measurement
- ✓ OTDR test and certification – long haul OSP

SOLAR & ENERGY

*Smart, simple
and clean energy
saving solutions*

Our Vision: To enlighten communities and businesses throughout the South West regions of Western Australia with smart, simple and clean energy saving solutions. One customer at a time.

In a single hour, the sun transmits more energy to the earth's surface than the entire world consumes in a year. Given that Western Australia is fortunate enough to receive the most sunshine all year round it makes perfect sense when it comes to solar energy.

About JCW Solar & Energy

At JCW Solar & Energy we truly understand what it means to live in the beautiful state of WA and the importance the sun plays in preserving our way of life.

Whether helping homeowners realise the cost savings and benefits of solar power, partnering with local businesses to become more energy efficient or making a difference in our communities, we're passionately dedicated to preserving the environment and culture in which we all work, play and love. **JCW Solar & Energy** is wholly committed to delivering clean energy solutions that are customised to serve every West Australian with personal service and creative installation options.



JCW solar & energy



SOLAR & ENERGY

*As one of the leading EPC providers of small to mid-scale solar photovoltaic (PV) systems throughout Western Australia, **JCW Solar & Energy** provides a full array of solar photovoltaic (PV) options along with the latest inverter technology and large scale lithium battery storage solutions.*

Our expert team provide:

- Engineering & Design
- Procurement
- Construction
- Commissioning
- Operations and Maintenance
- Project Feasibility Analysis
- Energy Performance Analysis, and
- Long Term Performance Guarantees

Residential

Electricity prices are ever-increasing, and more homeowners are turning to solar energy to reduce their rising electricity costs, it makes perfect to make the switch to solar. Whether your goal is to save money on your electric bill or simply reduce your carbon footprint, **JCW** has a residential solar power solution that meets your energy-saving needs. We design and install solar panel and battery storage systems for homes all over the South West region of Western Australia

Commercial

For industrial, commercial, retail and public entities, electricity costs are among the top operational expenses and unfortunately, these cut directly into bottom line profits. **JCW's** broad experience and unique capabilities allow us to take on challenging solar PV projects in a variety of different locations and environments ranging from residential to commercial offices, retail parks, hospitals, schools, universities, government facilities and rural agribusinesses. Project sizes range from small domestic dwellings through to large scale commercial and free standing agricultural solutions. We utilise the latest CAD technology to individually craft solutions in any mix of rooftop, ground mount, single and dual-axis tracker, and/or canopy-based installations.



PROJECTS

We tailor preventative cost efficient scheduled maintenance programs that meet Australian industry best practice and statutory requirements

*Safety underpins everything we do at **JCW Electrical Group**, our Zero Harm philosophy is woven into the fabric of our business DNA. This philosophy is adopted by the entire **JCW Electrical Group** family and its message ensures that our workforce remains focused on delivering projects incident and injury free, everyday.*





PROJECTS

JCW Electrical Group has over a century of project execution and management experience. Our in-house Estimating and Project Controls teams have the know-how to deliver major projects on time and to budget.

Our flexible delivery model encompasses early contractor involvement (ECI) at initial design phase, converting to construction flowing through to testing, commissioning and handover.

JCW Electrical Group's project design & construct experience encompasses:

- ✓ Large scale commercial developments/
New Build & Fit-outs
- ✓ Education facilities / Schools/ Colleges/
Universities
- ✓ Service Stations
- ✓ Agriculture
- ✓ Large scale Workshops
- ✓ Civil Infrastructure/ Street Lighting

SERVICES

We tailor preventative cost efficient scheduled maintenance programs that meet Australian industry best practice and statutory requirements.

*In life you can plan for most situations however, there are times when the unexpected occurs when you're least expecting it. **JCW Electrical Group** operates an efficient 24/7 service model, this means that when a unplanned electrical event take place at home, the office or larger domestic premises we're here to resolve the situation, no matter the day, time or its complexity.*

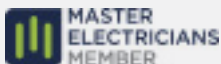
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Our team of friendly competent technicians are experienced to deal with a broad range of emergency situations. They will arrive promptly on time, provide diagnosis and rectify the issue at hand quickly then leave the premises neat and tidy as when they arrived.

JCW's online management system enables us to track our service levels at every stage of the job order life cycle. Our technicians receive work orders via state of the art tablet devices, this enables relevant information to be tracked and

stored in real-time, and also ensures zero invoicing discrepancy once the job order has been closed out.

As part of **JCW's** ongoing commitment to our clients, we tailor preventative cost efficient scheduled maintenance programs that meet Australian industry best practice and statutory requirements. Our proven maintenance capabilities lower client costs, reduce operational risk and fundamentally improve asset reliability and safety.



JCW electrical



SERVICES

JCW Electrical Group's suite of technical services encompasses:

- ✓ Domestic/ Commercial & Industrial campaign maintenance
- ✓ Electrical installation
- ✓ Electrical compliance testing & commissioning
- ✓ Asset remediation works / retrofitting

We service clients in the following sectors:

- ✓ Federal / Local Government Municipalities
- ✓ Property Developers / Property Management Realtors
- ✓ Retail Shopping Centres / Retail Parks
- ✓ Hospitals / Health Care
- ✓ Sporting Venues
- ✓ Entertainment venues

*With extensive experience operating throughout Western Australia and in various challenging environments, **JCW Electrical Group's** track record for reliable delivery is demonstrated by its significant portfolio of satisfied customers and clientele.*