



POWER DOWN UNDER
Pty Ltd



CAPABILITY STATEMENT

High Voltage | Low Voltage | Communications | Civil

TABLE OF CONTENTS

1

About Us 3

2

Our People 4

3

Our Services 5

4

HV & LV Capability . . . 6

5

Recent Projects 7





About Us.

Power Down Under Pty Ltd is a Western Australian owned electrical, communications and civil contractor delivering high voltage and low voltage infrastructure to the mining, resources, construction and utilities sectors. From our base in Gnangara we service metropolitan Perth, the Pilbara, the Goldfields and regional WA.

We are licensed and resourced to self-perform the complete electrical scope. On the high voltage side that covers HV reticulation and underground cabling, substation, switchroom and kiosk installation, transformer set-down and connection, cable jointing and termination, earthing systems, HV testing and pre-energisation support. On the low voltage side it covers main switchboards and distribution, motor control centres and VSD installations, sub-mains and final subcircuits, area and high-mast lighting, fixed plant and process electrical, and full test and commissioning to AS/NZS 3000.

Power Down Under employs upward of 40 electricians and apprentices, supported by in-house project managers, supervisors, high voltage specialists and civil crews. Because that workforce is directly employed rather than hired in, we mobilise quickly, hold quality and safety to our own account, and run concurrent projects without diluting supervision.

Our directors remain hands-on across every project. That combination of a genuine self-perform capability, an integrated WHSEQ management system and long-standing tier one client relationships is what allows us to take a package from design and cable schedule through to energisation and ongoing maintenance under one accountable contract.

Our People.

Power Down Under's founding directors have strong electrical contracting backgrounds with extensive knowledge and experience in civil contracting works. They lead high-performing teams and have delivered many successful projects around WA.



SAM GREEN

MANAGING DIRECTOR

Sam is a qualified electrician with over 10 years extensive experience in design and constructing large scale projects in the mining and construction industries. With strong working relationships with tier 1 mining companies, Sam has a particular focus on ensuring client's needs are met and exceeded. Under Sam's leadership, he has fostered a productive and positive work environment to enable the team to achieve the organisation's goals.



STEVE GREEN

DIRECTOR

Steve is a qualified electrician with an extensive background of over 20 years in civil works and machine operating including directional drilling and installing a vast range of utilities. He has a high level of experience operating in the construction industry in the mining and utilise sectors. Steve is passionate about ensuring the team delivers exceptional work, on time and in a safe manner.

Power Down Under employs a team of approx. 40 employees made up of office support functions such as Project Managers, Project Support Officers, Human Resources and Safety and administration support, and a team of experience electricians and apprentices. They combine extensive industry knowledge with practical expertise to deliver safe, efficient and high-quality solutions on every project. Thorough, hardworking and committed to excellence, we ensure every job is completed safely, compliantly and in strict accordance with project specifications.

Our Services.

Power Down Under goes beyond electrical alone. We offer an integrated suite of services that supports industrial projects from the ground up, trenching and civil works, HV and LV reticulation, communications infrastructure and the service locating that de-risks all of it.



ELECTRICAL

HV and LV installation, substations, kiosks, transformers, switchboards, reticulation, lighting and fixed plant.



COMMUNICATIONS

Fibre and copper backbone, comms rooms, rack terminations and testing



CIVIL

Trenching, excavation, vacuum excavation, tip trucks and skid steer.



SERVICE LOCATING

Underground service locating, potholing and high pressure gas locating prior to any ground disturbance.



HV & LV Capability.

Self-performed high and low voltage scope, design, install, test, commission and maintain.

HIGH VOLTAGE

Reticulation | Substations | Kiosks | Transformers

- HV underground reticulation and cable hauling
- Substation, switchroom and packaged kiosk delivery and install
- Transformer placement, set-down, connection and pre-energisation checks
- HV cable jointing, terminations, glanding and cable support systems
- HV cable testing, insulation resistance, phasing and continuity verification
- Earthing and equipotential bonding systems, including Wenner four-pole soil resistivity and earth testing
- Ring main units, HV switchgear installation and network operator liaison
- Switching support, isolation, access permits and energisation coordination

LOW VOLTAGE

Switchboards | MCCs | Reticulation | Lighting

- Main switchboards, distribution boards, sub-mains and final subcircuits
- Motor control centres, VSD supply and installation, starters and controls
- Underground LV reticulation, conduit, cable ladder, tray and containment
- Area, road, carpark, high-mast, building and emergency lighting
- Fixed plant, process and modular facility electrical installation
- Generator supply, temporary power, changeover and load management
- Test, verification and commissioning to AS/NZS 3000 and AS/NZS 3017
- Fault finding, shutdown works, defect rectification and 24/7 response

Recent Projects.

A selection of HV, LV, Communications & Civil packages delivered for tier one principals across WA.

North Star - Christmas Creek

2026 - current

PRINCIPAL	Fortescue Metals Group
CLIENT	Specialised Resources Services Pty Ltd
SCOPE	Process Mineral Laboratories

Iron Bridge

2025 - 2026

PRINCIPAL	Fortescue Metals Group
CLIENT	Imperium
SCOPE	Japal Village HV Reticulation

Cloudbreak, Christmas Creek, Eliwana, Port Hedland

2025 - current

PRINCIPAL	Fortescue Metals Group
CLIENT	Finlay Construction Pty Ltd
SCOPE	Labatory Upgrades

Flying Fish

2025

PRINCIPAL	Fortescue Metals Group
CLIENT	Finlay Construction
SCOPE	Refurbishment of Dry Mess

Alkimos Sea-Water Desalination Plant

2025 - current

PRINCIPAL	Water Corporation
CLIENT	Acciona Construction Australia Pty Ltd
SCOPE	Assembly, construction, commissioning and ongoing maintenance of Tunnel Boring Machines and all associated fixed plant systems

Iron Bridge

2025

PRINCIPAL	Fortescue Metals Group
CLIENT	Finlay Group
SCOPE	Emergency Response Training Facility

New Murchison Gold Project

2025

PRINCIPAL	Meeka Metals
CLIENT	Minstruct
SCOPE	Installation of Accommodation Village and Central Facilities

Eliwana

2024

PRINCIPAL	Fortescue Metals Group
CLIENT	Auspan
SCOPE	Installation of Automation Control Rooms

Recent Projects.

Roy Hill

2023

PRINCIPAL	Roy Hill
CLIENT	West Force Construction
SCOPE	ROM 4 Raw Water Treatment Plant

Iron Bridge

2022

PRINCIPAL	Fortescue Metals Group
CLIENT	Fortescue Metals Group
SCOPE	Switchroom VSD Supply Upgrade

Iron Bridge

2022

PRINCIPAL	Fortescue Metals Group
CLIENT	Fortescue Metals Group
SCOPE	Village Car Park Lighting

Iron Bridge

2021

PRINCIPAL	Fortescue Metals Group
CLIENT	Minestruct
SCOPE	Near Mine Facilities

Iron Bridge

2021

PRINCIPAL	Fortescue Metals Group
CLIENT	Minestruct
SCOPE	Installation of OPF Office Facilities

Pilgangoora

2021

PRINCIPAL	Pilbara Minerals
CLIENT	Minstruct
SCOPE	Installation of NPI Office Facilities

Rothsay Gold Mine

2020

PRINCIPAL	Silver Lake
CLIENT	Minstruct
SCOPE	Installation of 100-person Accommodation Village and NPI Offices



POWER DOWN UNDER

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