

CAPABILITY STATEMENT

TRI DIA



ELECTRICAL | RAIL | MINING | CIVIL CONSTRUCTION & MAINTENANCE



100% Aboriginal
Owned & Operated

Leaders in workplace
productivity and employee safety.

Proudly supporting Aboriginal
community development.

EC Licence 15967

E: admin@triodia.com.au

T: 1300 TRIODIA (874 6342)

OUR STORY

The Gordon Family are direct descendants of Wiltjawarra Longshadow ancestor of the Pilki people from the Tjuntjuntjara community, located in Spinifex country within the Great Victorian Desert. Ananga Pila Nguru refers to the Pilki, Spinifex and Untiri Pulka native title holders - collectively known as Spinifex People, original managers of the Spinifex lands. Terry's mother Nancy Gordon named the family business Triodia being the Latin word for Spinifex.

Triodia Mining was established by Terry Gordon in 2011 with a focus on surface and underground mining services formed from the Gordon family's vision to provide meaningful career pathways for the Indigenous people of the Goldfields communities. Triodia Tropicana was established in 2015 as a joint venture at Anglo Ashanti Gold Mine providing vehicle and equipment maintenance at Anglo Ashanti Gold Mine.

Ryan established Triodia in 2020 initially providing rail maintenance services in the Pilbara and Perth regions. Since then, Triodia has grown rapidly with service offerings including civil maintenance and construction, rail maintenance and construction, electrical and solar services, underground locating services and our vehicle maintenance workshop in Yangebup servicing the Perth metropolitan area.

OUR LEADERSHIP TEAM



Jamie Gordon

**Managing Director
- Triodia Energy**

Jamie joined Triodia in 2021 to manage and expand the electrical service offering of Triodia.

From 2015, Jamie worked all over the state on various Water Corporation assets as Lead Electrician and Team Leader.

Jamie is a dual trade electrician having completed his electrical apprenticeship and Certificate IV in Electrical Instrumentation.



Terry Gordon

**Managing Director
- Triodia Tropicana, Triodia
Australia**

Born in Kalgoorlie, Terry entered the mining industry when he was 18. His vast experience includes surface and underground mining, civil works and labour hire.

Triodia Mining was established in 2011, growing from the Gordon family's vision to provide meaningful career pathways for people of the Goldfields communities.

Working with the Clontarf Academies (Perth and Kalgoorlie) and other organisations, Terry works with indigenous communities to provide skills development opportunities.



Jamie Barnes

Director - Triodia Energy

Jamie worked for a leading company in the UK as a foreman, mentoring over 50 electricians. He moved to Australia in 2005 and continued his electrical career working for various companies.

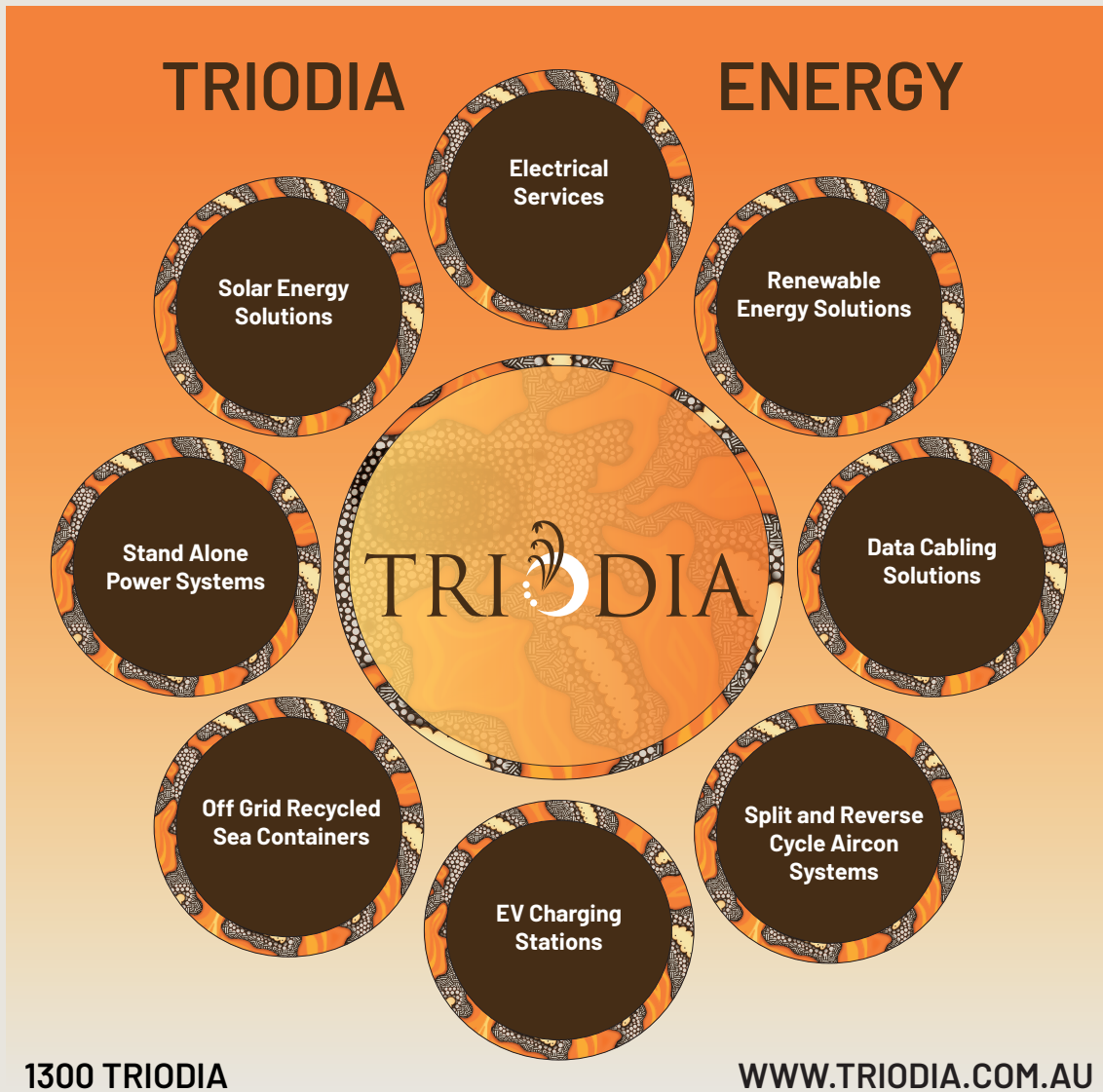
He joined Triodia in 2021 initially as a Flashbutt Specialist on rail projects, maintaining both fixed and Mobile Flashbutt welders.

Jamie has completed his electrical nominees course, allowing Triodia to tender for large scale electrical projects.

TRIODIA ENERGY SERVICES

Aboriginal owned and operated our team of qualified electricians provide all electrical service requirements within the commercial, industrial and domestic industries. Along with all general electrical services.

The Triodia Group is a leader in workplace productivity and employee safety across the rail, mining, civil and electrical industries. We provide skilled trade personnel, machine operators, semi-skilled workers, plus contract labourers. Our working relationships with traditional owner groups across WA has a long history. Triodia provide services to Rio Tinto, BHP, FMG, Roy Hill, PTA, Alcoa, MRWA, Water Corporation, ARC and many other clients across WA.



The Gordon family belong to the Pila Nguru people of the Great Victoria Desert in WA. The Pila Nguru are often referred to as the 'Spinifex people'. Spinifex is the dominant vegetation across their country. Spinifex is also known as the Triodia plant.

Renewable Energy Solutions

We offer complete off grid recycled sea containers including offices, ablution facilities and crib rooms that are fully solar powered including batteries and back up generators.

How it works

The solar powers all electrics during the day while simultaneously charging the battery. If there is insufficient sun light or you want to run a nightshift the batteries take over.

Once the batteries get to around 20% the generator automatically starts to power the container and charge the batteries,

This automatically switches off again once the batteries are sufficiently charged or there is enough sun light to utilise the solar panels.

All that's required is to knock an earth stake into the ground, switch the system on and it's good to go.

We can provide advice and solutions to meet your needs for any custom build project. You have the option to rent or purchase for your next project.



Triodia Energy Off Grid Office



A Greener Future

Triodia is committed to a greener future offering many solutions in renewable energy, two examples are:

Changing the gas in the condenser of an air conditioning unit from R32 – HC-32.

HC32 is a Natural Organic alternative to R32 for air conditioning and refrigeration systems. It is a high-purity blend of R1270 (propylene) and R170 (ethane). By switching from R32 to HC32, you will experience significant reductions in power bills and minimize wear and tear on your refrigeration and air conditioning systems.

An air conditioner or refrigeration system using HC32 consumes 20-30% less power compared to R32 refrigerant. The efficiency of hydrocarbon refrigerants also allows them to cool/heat a room to the desired temperature in less time, resulting in substantial energy savings.

Painting a roof of a building or a shipping container with a reflective insulating paint that :

- Reduces internal temperatures by up to 45%
- Lowers energy costs by at least 20%
- Decreases UV penetration by up to 96%, keeping the surface cooler
- Reduced air conditioning maintenance and replacement costs
- Has rust and corrosion repair as part of the application process
- Prevents surface rust
- 10-warranty

As part of our electrical offering, we provide all your solar energy solutions within the Perth and regional areas. Our partner company, Spinifex Solar services the Goldfields–Esperance region with all your solar system needs for residential and commercial systems, thermal coating, solar batteries, off grid and stand-alone systems.



Our Mission Statement

To be a leading, integrated and multidisciplinary group across the infrastructure, mining and energy sectors.



West Coast Civil - Crib Room, Perth Airport



Ablution solar sea container with rainwater tank

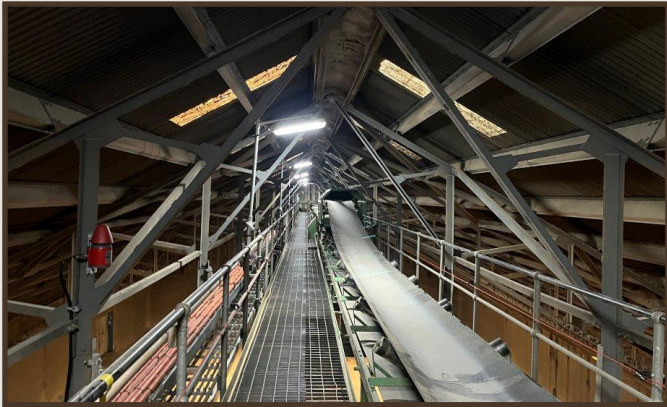




Office and crib rooms.



ELECTRICAL PROJECTS

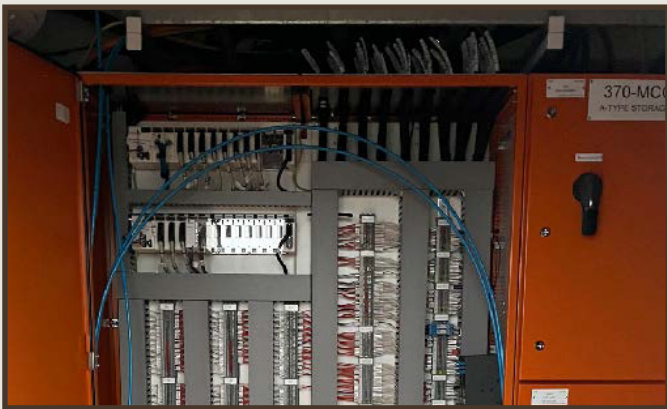


CBH Dumbleyung

Client: Mason Electrical for CBH Group

Triodia was engaged by Mason Electrical to support the electrical refurbishment scope of containment wiring for the CBH Group's grain silo shed in the Wheatbelt town of Dumbleyung. Works included lighting, power, motors and controls.

Shark Lake included installation of power, communications, motors and controls of conveyors, sample hut and weighbridge.



CBH Shark Lake Esperance

Client: Mason Electrical for CBH Group

Triodia was engaged by Mason Electrical to support the electrical refurbishment scope of greenfield electrical installation of the CBH grain conveyor in Esperance. Works included:

- underground conduit and wiring (including pits)
- lighting and power; and
- motors and controls.



BHP Nickel West Leinster Village

Client: BHP

Triodia was engaged by BHP to install over 1600 smart TV's to their accommodation village in Leinster, a regional town in the Goldfields. The estimated completion was end of March 2024, although Triodia achieved completion by early December 2023.

To facilitate this installation, one of our off grid containers was mobilised and used for our site office.



RAAF Base Pearce - Airfield Lighting

Client: ADB Safegate Australia Pty Ltd

Working with ADB to install airfield lighting systems and equipment on a new apron and runway extension at the airbase located in Bullsbrook. The apron is the defined area on an airport where aircraft are parked, loaded or unloaded, refueled and boarded.

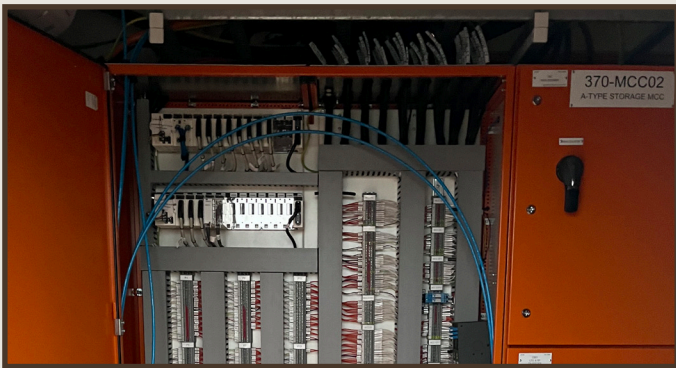
ELECTRICAL PROJECTS



Water Corporation SCADA Obsolescence

Client: Mason Electrical for Water Corporation

Working with Mason on the WORM and Metro SCADA obsolescence projects, which involves upgrading communications including cellular modems and antennas from 3G to 4/5G capability, along with upgrading the battery chargers and PLCs. This work was completed whilst keeping the functional assets operational.



CBH Cadoux

Client: Mason Electrical for CBH Group

Triodia was engaged by Mason Electrical to support the electrical refurbishment scope of greenfield electrical installation of the CBH grain conveyor in Esperance. Works included:

- underground conduit and wiring (including pits)
- lighting and power; and
- motors and controls.



CBH Nyabing

Client: Mason Electrical for CBH Group

Triodia was engaged by Mason Electrical to support the new installation of CBH accommodation blocks. Works included:

- underground conduit and wiring (including pits)
- lighting and power; and
- motors and controls.

HEALTH & SAFETY IS OUR PRIORITY

We invest heavily in occupational health and safety; some of the quality control systems at Triodia include:

- Quality Management System – ISO 9001:2015 ANZSIC: 4121, 4122, 4259, 5323, 5329,7861
- Safety Management System – ISO 45001:2018 ANZSIC: 4121, 4122, 4259, 5323, 5329,7861
- Environmental Management System – ISO 14001:2015 ANZSIC: 4121, 4122, 4259, 5323, 5329,7861
- Tier 1 Risk Management System – contractor Risk Management strategies
- Comprehensive WorkCover, Public Liability; and vehicle and equipment insurance.

OUR CULTURE



INDIGENOUS TRAINING & EMPLOYMENT

Triodia is central to the Gordon family's vision to provide meaningful career pathways for Aboriginal communities.

We are committed to supporting communities in the areas in which we operate including a successful trainee and apprenticeship program, providing work experience opportunities for local Aboriginal people.

Triodia Tropicana has established Aboriginal apprenticeship positions at the Tropicana and Cockburn light vehicle workshop where local Aboriginal trainees gain experience and training in a supportive environment.

Triodia's workforce has a significant number of Aboriginal employees with more than 10% of those coming from our traineeship program.

Our focus is on accelerating Aboriginal economic resilience, strengthening family units, and supporting community and culture.

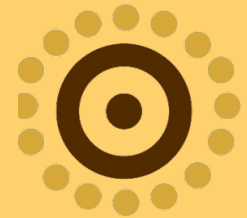
CULTURAL AWARENESS SERVICES

We've developed a Cross-Culture Awareness Training package specifically for people working on lands in the Great Victorian Desert region. Mutually respectful engagement helps both the local community and the resources project to flourish.

At the request of Anglo Gold Ashanti, we provided this cross-cultural training module to all employees and on-site contractors at the Tropicana Gold Mine Site.

Our Values

- Culture & Family
- Dedication
- Integrity
- Innovation



INDUSTRY PARTNERS

Triodia has developed strong partnerships with a number of businesses to broaden the range of services we provide. These companies include:

- ADB Safegate
- Alcoa
- Allworks
- Anglo Ashanti Gold
- Arc Infrastructure
- Aurizon
- BHP
- Bundarra Contracting
- C.A.T.E.R
- CBH Group
- Crossland and Hardy
- DTEC Workforce
- DT Infrastructure
- Fortescue Metals Group
- Laing O'Rourke
- Main Roads WA
- Mason Electrical
- PTA
- Rio Tinto
- Roy Hill Infrastructure
- Southern Ports Authority
- South West Gateway Alliance
- Total AMS Pty Ltd
- UGL Limited
- Water Corporation
- West Coast Civil

Postal Address Metro

Triodia

Perth Office:

Unit 1, 14 Halley Road
Balcatta WA 6021

Yangebup Workshop:

Unit 2, 20 Erceg Road
Yangebup WA 6164
T: 1300 874 634

Postal Address Regional

Karratha Office:

501 Croydon Road
Karratha WA 6714

Triodia Tropicana Vehicle Maintenance

Site Office:

Tropicana Gold Mine
Plumridge Lakes WA 6431

Kalgoorlie Workshop:

2a Keogh Way
West Kalgoorlie WA 6430

Triodia Karratha

TRIODIA

Triodia Tropicana

Triodia Kalgoorlie

Triodia Perth

Triodia Yangebup

Find out more, visit triodia.com.au, or scan the QR Code:



Contact Us

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Registered Companies

Triodia Australia Pty Ltd
Triodia Energy Pty Ltd
Triodia Scanning Pty Ltd
Triodia Tropicana Pty Ltd
Spinifex Solar Pty Ltd



EC Licence 15967

Original artwork by Minha

Triodia acknowledge the Traditional Custodians of Country throughout Australia. We recognise their connection to traditional lands and waters and pay our respects to their Elders past and present.