



POWER GENERATION

Capability & Experience





A MEMBER OF THE CIMIC GROUP
CIMIC

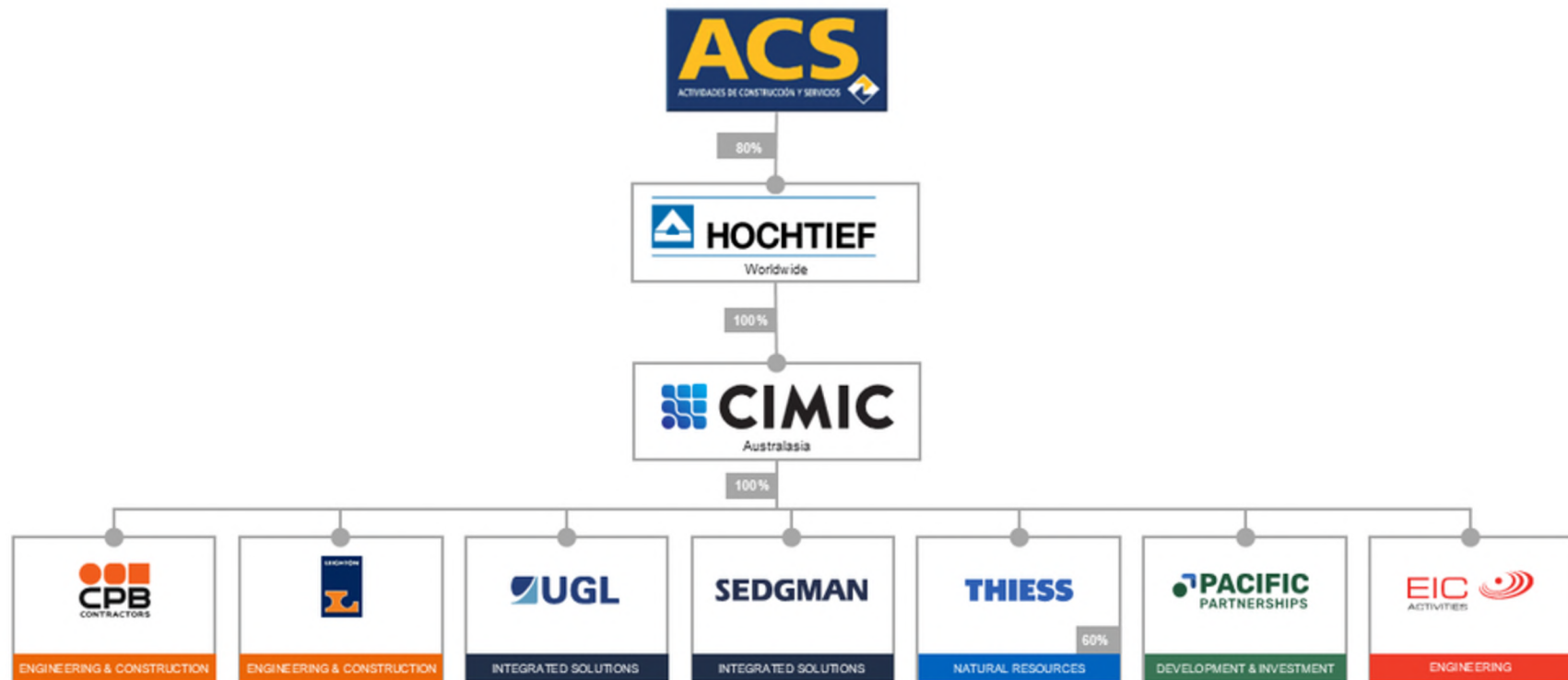
UGL is Australia's trusted tier-one contractor, delivering end-to-end solutions from design and procurement to construction, testing, commissioning, operations, and maintenance, across power, water, transportation, resources, utilities, communication, and Defence sectors.

UGL's core principles of integrity, accountability, innovation, and delivery, supported by safety, are essential to their business approach. These values drive growth, employee development, and client success.

integrity
accountability
innovation
delivery

SAFETY





As part of the world's largest infrastructure contracting group, UGL benefits from the collective expertise and global reach of the ACS Group. This strategic affiliation not only strengthens our technical capabilities but also positions us to deliver innovative, scalable power solutions across multiple regions.

ACS is a global civil engineering and construction group listed on Spain's IBEX 35. Ranked as the number one international contractor. ACS companies include Dragados, HOCHTIEF, Iridium and Clece. Operations span Asia, North America, Australia, Europe and South America.



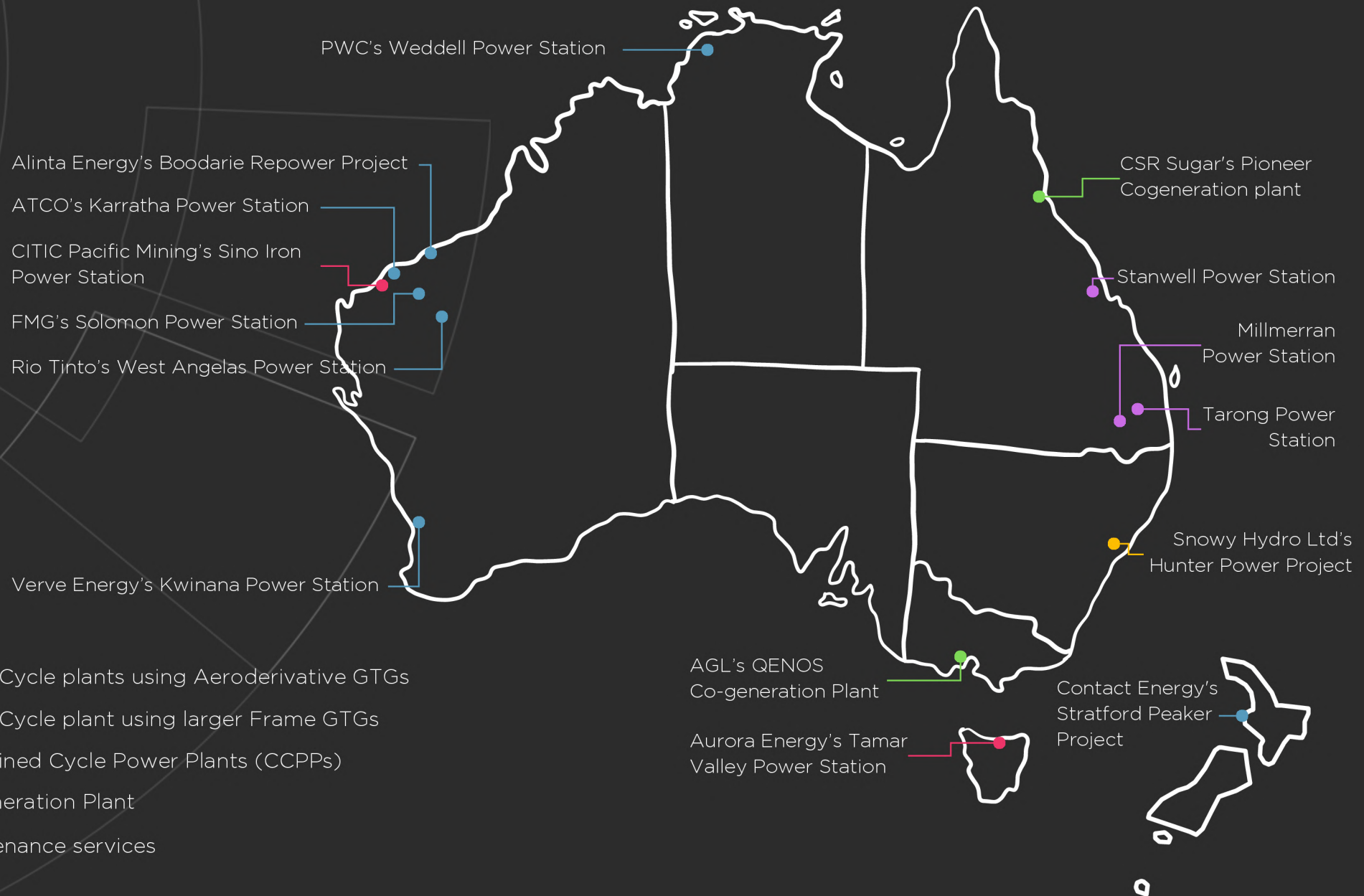
our expertise

From compact aeroderivative gas turbines to large-scale open cycle gas turbines (OCGT) and state-of-the-art combined cycle power plants (CCPP), as well as renewable energy projects integrated with substation and transmission facilities, UGL has an unmatched track record of delivering reliable, high-performance power generation assets.

Our portfolio includes landmark projects like the Hunter Power Project, which exemplifies our ability to integrate state-of-the-art technology with practical engineering solutions. These success stories underscore our commitment to quality, safety, and operational excellence.

One of UGL's key strengths lies in its ability to self-perform the majority of services required for turnkey projects, ensuring cost-efficiency and seamless delivery with minimal reliance on subcontractors.

Our power generation legacy



GAS TURBINE MODELS

Our experience in installing various gas turbine models

Type and number of gas turbine generators and their associated auxiliaries and systems installed by UGL in Australia and RR New Zealand for various clients under different contracting models:

MHI 701F	2 units	720 MW
GE LM6000	10 units	435 MW
GE LMS100	4 units	400 MW
GE Frame 6B	5 units	500 MW
SOLAR TITAN 250	1 unit	25 MW
SIEMENS SGT 800	7 units	500 MW
MHI 701D	1 unit	210 MW
P&W	3 units	120 MW
ROLLS ROYCE	1 unit	60 MW
Co-generation plant	1 unit	68 MW

TOTAL INSTALLED CAPACITY

3,038 MW

PLANT SIZE RANGE

25 MW to 720 MW

Contracting models

Split scope contract

Incentivised Target Cost (ITC)

D&C model with Target Cost Estimates

Construct only

Integrated Project Delivery model

Early Contractor Involvement (ECI)

Collaborative Style Alliance model

Combined Lump Sum + Cost-Plus model

We welcome the opportunity to discuss the details further and to collaboratively work with the client's team to agree on a model that is more beneficial to the project.

capability

ENGINEERING & DESIGN

Our expert teams deliver comprehensive feasibility studies and innovative front-end engineering designs (FEED) that seamlessly combine technical excellence with practical constructability. Leveraging advanced digital modeling and simulation tools, we optimise every project for peak performance, safety, and long-term reliability.

CONSTRUCTION & COMMISSIONING

Using advanced construction techniques and efficient project management, we deliver turnkey solutions encompassing site preparation, civil works, installation, and commissioning. Our approach prioritises risk mitigation, stringent quality control, and the on-time, cost-effective delivery of every project.

OPERATIONS & MAINTENANCE

We employ proactive maintenance strategies powered by real-time monitoring and advanced data analytics to ensure optimal efficiency and reliability of every asset. Our customised long-term operations programs are designed to extend asset lifespan, minimise downtime, and reduce operational costs.

UPGRADES & DECOMMISSIONING

Recognising the evolving nature of energy infrastructure, we offer bespoke upgrade solutions that integrate new technologies with existing systems. For legacy assets, our decommissioning services are designed to safely and efficiently retire facilities while minimising environmental impact.



The health and safety of our work environments – for our people, our clients, subcontractors, suppliers, visitors and wider communities – are paramount to everything we do.

INTEGRATED TEAMS

At UGL, our success starts with our people. Our integrated in-house teams unite experts from diverse disciplines, creating a collaborative environment that fuels innovation and ensures flawless project delivery.

Backed by the scale and resources of UGL, we have the capacity and support to successfully deliver complex power generation and power system projects. This unwavering commitment to teamwork forms the foundation of every project we undertake.

ONE HSE CULTURE

Safety, health, and environmental stewardship are at the heart of everything we do.

Our One HSE Culture unifies our approach across all operations, ensuring that every project not only meets but exceeds industry standards. It also means creating a culture where individuals are encouraged to take personal responsibility, empowered to speak up and supported by teams that understand and believe in the central importance of health and safety.

This commitment to safety and sustainability supports both our teams and the communities we serve.



ROBUST PROCUREMENT & SUPPLY CHAIN MANAGEMENT

We leverage a streamlined procurement and supply chain process to ensure efficiency and reliability throughout our projects.

By maintaining strong relationships with suppliers and optimising our logistics, we secure the best materials and services, keeping projects on track and cost-effective.

It is our culture to proactively manage the manufacturing process with our supplier. We allow for adequate quality inspection and testing as a means of ensuring certainty of outcome in the procurement process for all our projects.

All our procurement processes starting from the request for quotation, order placement, vendor management etc. are done through our centralised system FELIX for better control of the process and to meet our management systems and policies.

what we offer

Turnkey solutions for power stations using gas turbine generators (GTGs) include:

- Open cycle gas turbine (OCGT) projects
- Combined cycle power plants (CCPP)
- Cogeneration/trigeneration plants
- Hybrid power stations
- Reciprocating engine-based power plants
- Data center power plants
- Truck mounted emergency power stations
- GTGs with hydrogen/multi-fuel capability and Sync condensers/SCR.

Integrated project delivery and low-risk model from an Australian Tier-1 contractor, ensuring Value for Money over the asset's life.

In-house multi-disciplinary team providing innovative techniques from design to operation.

Trained team applying lessons learned from current power generation projects at every project stage.

Expertise in grid studies and connections, leveraging relationships with leading Network Service Providers (NSPs).

Knowledge from past projects on technical and interface risk management of OEM packages.

Comprehensive support for plant testing, commissioning, reliability runs, and operation.



Hunter Power Project

NEW SOUTH WALES

Current project

As part of the energy transition initiative, UGL, in collaboration with its client Snowy Hydro Limited, is transforming infrastructure into a state-of-the-art power generation asset with advanced fuel-switch technology. UGL serves as the principal contractor for the 660 MW Hunter Power Project (HPP) in Kurri Kurri, New South Wales.

This groundbreaking project features two heavy-duty 'F Class' open cycle gas turbines capable of operating on hydrogen, natural gas, and diesel as a backup. UGL's turnkey scope encompasses the procurement of balance of plant components, auxiliary systems, civil and foundation works, equipment assembly and installation, testing, and commissioning, including Ausgrid's new 132kV Kurri North Switching Station (KNSS)

HYDROGEN READY!



our projects

Kwinana Power Station

WESTERN AUSTRALIA

Completed project

The project utilised a relationship-based EPC contract with UGL, developing a target cost estimate and performance guarantees. Key features included working on a challenging brownfield site, employing an in-house engineering team, and managing the procurement and installation of balance of plant equipment, notably the gas compressor package. Site management prioritised safety, quality, and environmental factors. The project also involved demolishing existing structures and executing civil, structural, mechanical, and electrical works. Additionally, it included the supply and installation of two GE LMS100 gas turbine generators and control system integration, leading to testing and commissioning.



Stratford Peaker Power Station

NEW ZEALAND

Completed project

UGL was contracted to install the two GE's LMS100 units at Stratford Power Station, the first time this technology has been used in the Southern Hemisphere.

UGL also designed, supplied, installed and commissioned the balance of plant elements. With a site workforce peaking at over 275 personnel accomplishing over 500,000-man hours, this was a technically complex project. The project was completed within a tight 14-month program achieving an exceptional safety, environmental and industrial relations record.





West Angelas Power Station

WESTERN AUSTRALIA

Completed project

The West Angelas Power Station (WAPS) is part of Rio Tinto Iron Ore's Power System Upgrade 330 Project, aimed at increasing iron ore production capacity to 353 million tonnes annually. UGL was contracted in June 2014 to complete WAPS after the previous EPC contractor went into receivership. The project scope included overall management, procurement, construction, commissioning, safety, quality, environmental, and industrial relations services, as well as construction completions and operations training.



Solomon 1 Power Project

WESTERN AUSTRALIA

Completed project

The project involved an EPC contract for an islanded electrical generating station using gas turbine generators (GTGs) upgraded to 132kV for the Solomon Hub. It included in-house engineering, procurement, and installation of balance of plant (BOP) equipment, focusing on safety, quality, and environmental management. Civil works used 4,500m³ of concrete and 650t of steel, while mechanical works featured 6 km of piping and 1,000+ valves. Electrical components comprised 42 km of cabling and 8,500 terminations, along with two GE LM6000PF SPRINT gas turbine generators and control system design, integration, and testing.

POWER SYSTEMS EXPERTISE

We bring decades of experience in delivering innovative, safe, and reliable power system solutions.

Our capabilities span the full project lifecycle from engineering and procurement to construction and commissioning, ensuring that every project is built on a foundation of technical excellence and sustainability. Our work not only connects communities but also drives economic growth to relevant stakeholders.

Transmission Lines

in Australia since 1982

Over 7,300km transmission lines built

33kV to 500kV

Substations

in Australia since 1950

Over 300 substations built

11kV to 500kV

Management systems and accreditations

The UGL QMS is certified for use in multidisciplinary project management, construction and commissioning management, engineering, design and procurement for market sectors including, power generation, power systems, and power distribution.

Our operations are underpinned by a robust framework of quality and safety standards. Our Quality Management System is certified to ISO 9001, while our environmental and health & safety practices meet ISO 14001 and ISO 45001 standards. These certifications validate our commitment to operational excellence and continuous improvement.

UGL holds the following certification certificates:

- UGL OH&S Management System AS4801
- UGL Quality Management System ISO 9001
- UGL Environmental Management ISO 14001
- UGL Occupational Health & Safety OHSAS 45001
- The Office of the Federal Safety Commissioner Accreditation (OFSC)

Quality, Environment & Safety Management



Member of ISC since 2017



Authorised Engineering Organisation & National Engineers Register



ISO Certified 45001; 9001; 14001; AS/NZS 4801



Partnering with Aboriginal businesses

UGL's Aboriginal and Torres Strait Islander partner organisations are part of our journey towards reconciliation through opportunity.

We seek to encourage economic empowerment in our organisation and our clients' organisations by facilitating education, training, employment and subcontracting opportunities for Aboriginal and Torres Strait Islander people and businesses.

UGL maintains a range of key partnerships to achieve lasting outcomes by leveraging the strengths, resources and knowledge from both UGL employees and our partners to broaden our inclusive and diverse team culture.



Case Study: ARRA Group

ARRA Group and UGL forged a collaborative partnership in 2018. ARRA Group is a majority Indigenous owned company that is committed to the enhancement of employment opportunities for Aboriginal peoples, as well as non-Indigenous people.

Leveraging UGL's scale and the ARRA Group workforce network, UGL has facilitated opportunities for Aboriginal and Torres Strait Islander peoples to join the permanent and semi-permanent work forces on Chevron project sites in Western Australia. UGL's strong partnership network has increased workforce diversity on client sites and opened up ongoing employment opportunities for Aboriginal and Torres Strait Islander people.



Supply Nation

Supply Nation is a key partner organisation of UGL. Supply Nation is Australia's largest national directory of Aboriginal and Torres Strait Islander businesses. We are proud to enable opportunities by creating a connection between the Supply Nation network and our client networks.

KEY PARTNERS





For more information please contact UGL:

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