



UTILITIES PROJECTS

Capability & Experience



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



UGL has in-house expertise to deliver complex utilities projects, integrating power generation, power systems, and water infrastructure solutions across Australia and nearby regions.



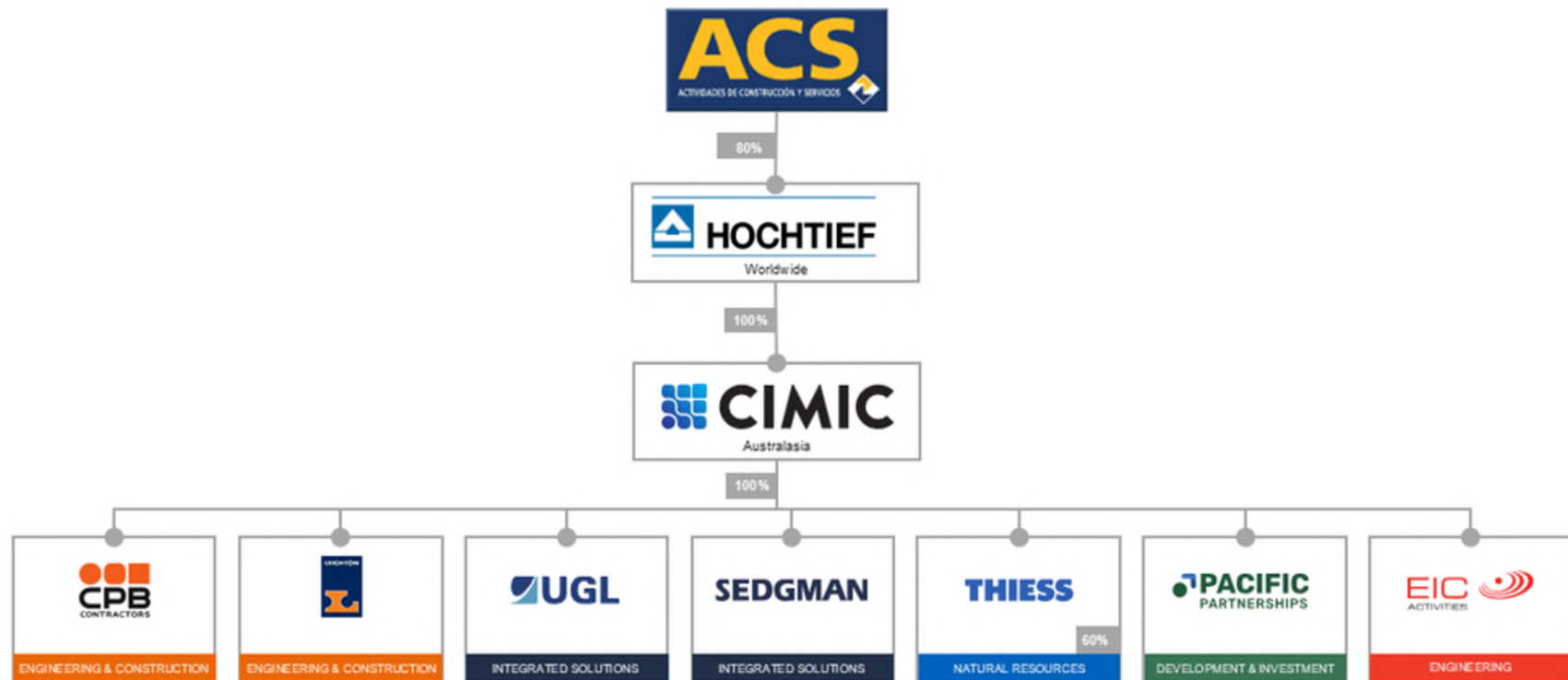
Utilities work in numbers

500+
utilities projects
completed

over
7,300km
of transmission
lines laid

3,038MW
energy capacity
delivered

100+
water projects
delivered



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 people

UGL's capacity

Employees

>11,000

External
workforce

>20,000

Professional
design engineers

>800

Safety
conversations
per year

>32,000

Our expertise

UGL's expertise spans the full spectrum of utilities infrastructure:

Water Infrastructure

With over 85 years of experience, we deliver critical water solutions from municipal water supply and wastewater treatment to industrial process water and desalination.

Power Generation

Our track record in power generation includes design and construction of open cycle gas turbine plants, combined cycle power plants, and renewable integration projects.

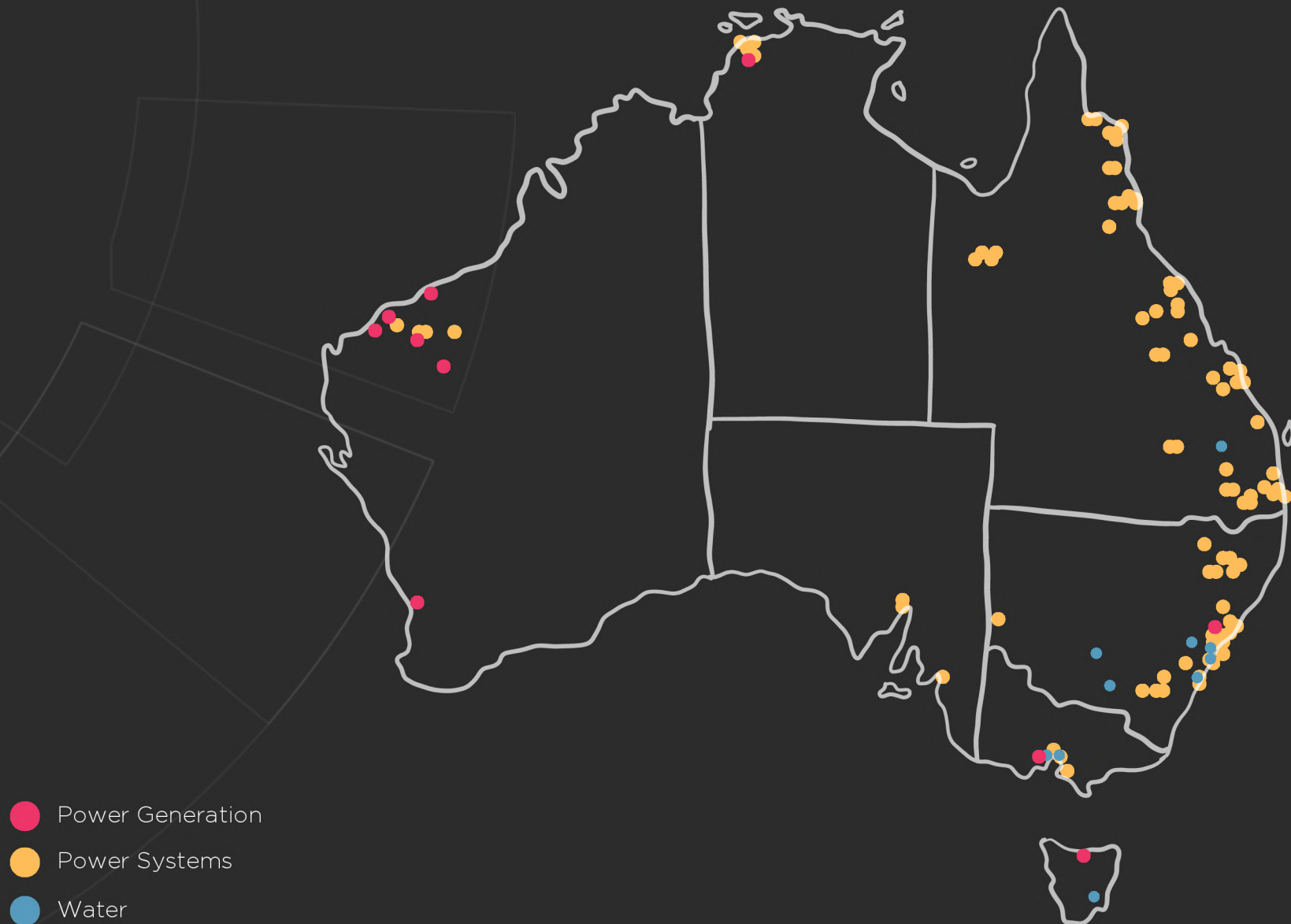
Power Systems

Recognised as industry leaders in high-voltage transmission and substation projects, our expertise covers everything from route selection and detailed design to construction, commissioning, and lifecycle asset management.



experience

Our legacy in Utilities projects



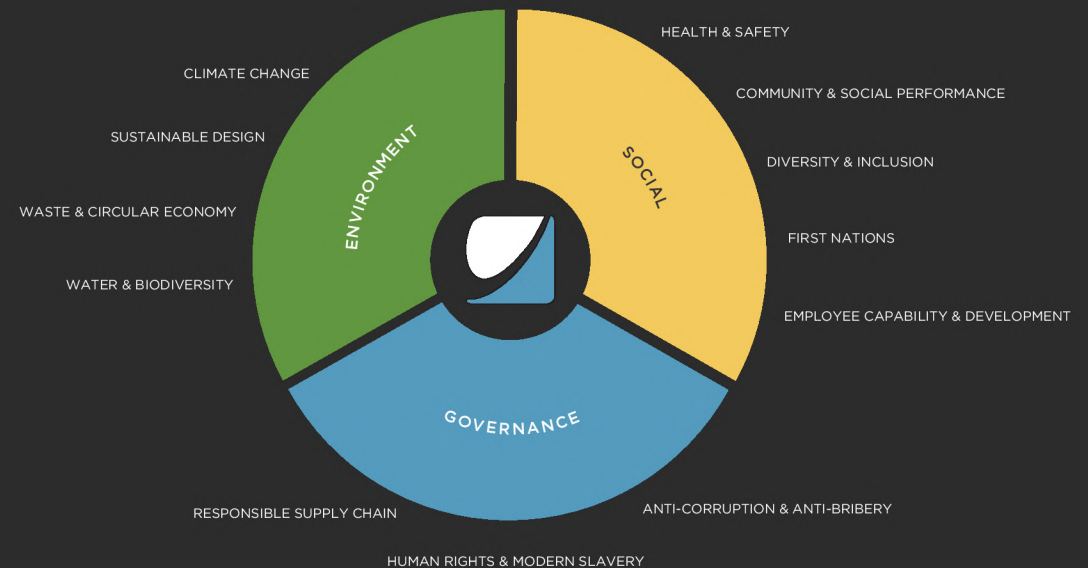


Our perspective on sustainability

At UGL we think about how sustainability applies today and tomorrow in:

- Our delivery of key sustainable infrastructure that supports the energy transition
- The technology and methods we use when delivering infrastructure to minimise impacts
- The positive legacies our work can have in the communities around us

UGL's Sustainability Framework sets our internal ambition. We want to increase sustainable outcomes from our work and partner with our customers on shared sustainability aspirations.



capability

COMPREHENSIVE ENGINEERING & DESIGN

Our experienced engineers excel in developing innovative front-end designs across water treatment systems, power generation assets, and transmission networks. This includes full-service design documentation, load flow studies, earthing and lightning protection, and SCADA integration.

CONSTRUCTION & COMMISSIONING

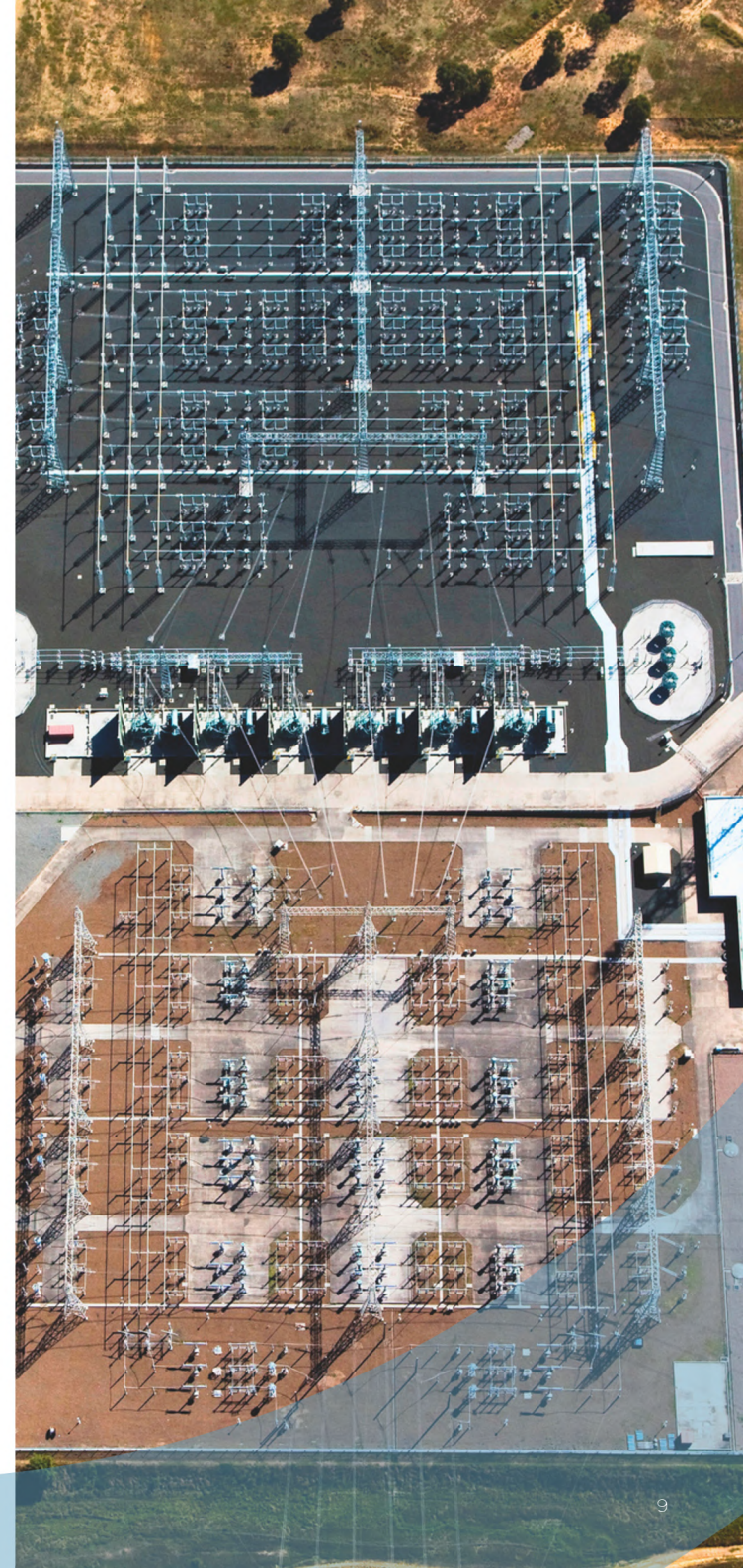
With modern construction techniques and in-house execution, we manage site assembly, equipment installation, and rigorous testing to ensure that every asset is delivered on time and within budget.

LIFECYCLE OPERATIONS & MAINTENANCE

We implement proactive maintenance strategies supported by data analytics and real-time performance monitoring. This approach extends asset life and ensures optimal operational efficiency over the long term.

ASSET MANAGEMENT & UPGRADES

Recognising that infrastructure must evolve, we offer bespoke upgrade solutions and end-of-life decommissioning services that safely integrate new technologies with legacy systems.





INTEGRATED TEAMS

Our success begins with our people.

Our in-house team brings together experts from across disciplines, fostering a collaborative environment that drives innovation and ensures seamless delivery on every project.

The corporate size of UGL also ensures that we have the depth of resources and backup support required to deliver utility projects successfully.

This commitment to teamwork is a cornerstone of our approach to all projects 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.

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.

Flexible delivery 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

Relationship Contracts

Build Own Operate (BOO)

Design Build Operate (DBO)

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.

our projects

Snowy 2.0 Transmission Connection Project

Transmission lines for the Snowy 2.0 project will be constructed from the cable yard at Lobs Hole in Kosciuszko National Park, extending west across Talbingo Reservoir to a new switching station at Maragle, near Transgrid's Line 64 in Bago State Forest. This connection to Line 64 will integrate the project with the grid and access Transgrid's southern network, maximising Snowy 2.0's capacity.

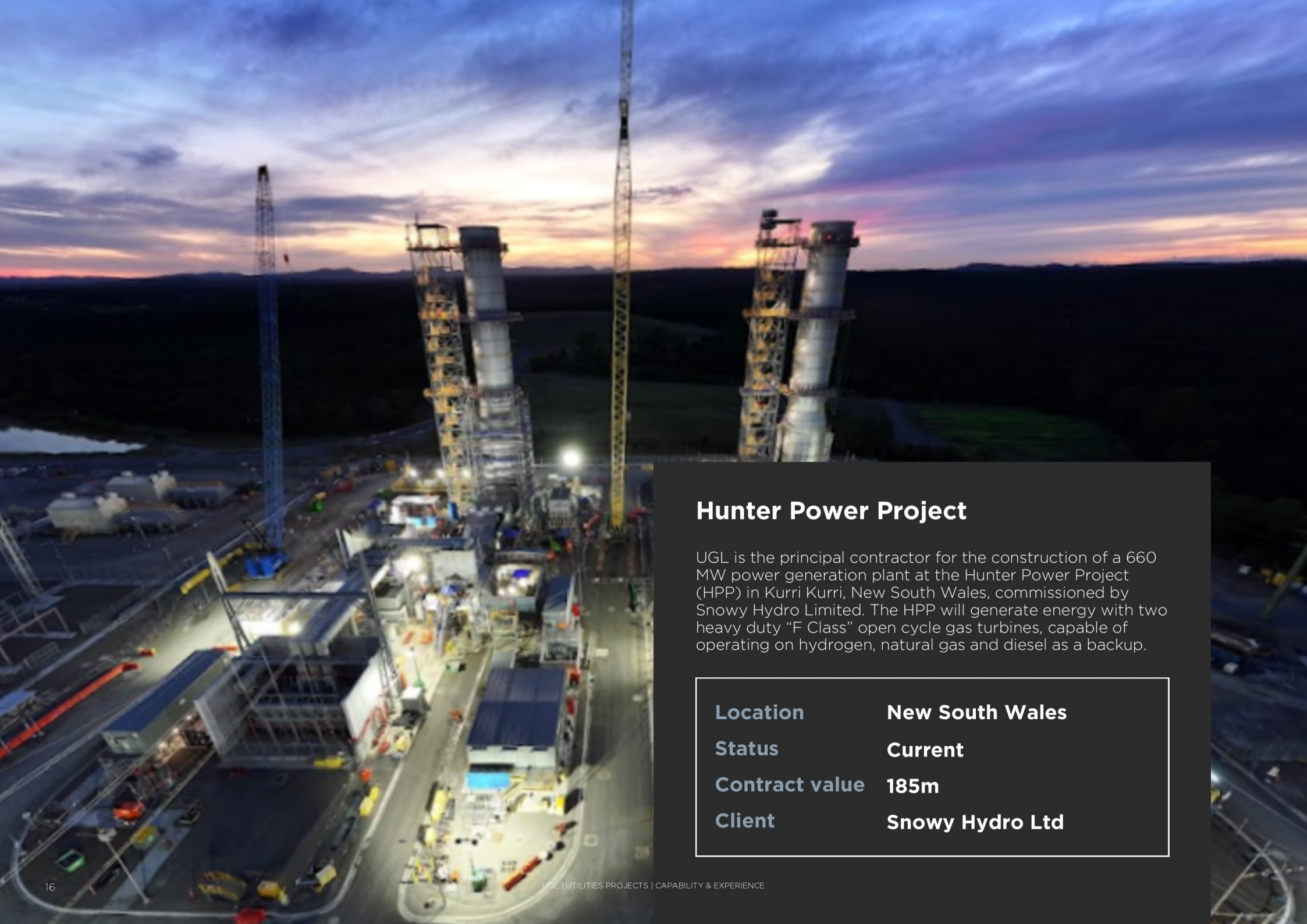
Location	New South Wales
Status	Current
Contract value	86m
Power	330kV
Client	Lumea



Bryn Estyn Water Treatment Plant Upgrade

The Bryn Estyn Water Treatment Plant Upgrade was completed in 2023, enhancing water quality and reliability for Hobart by implementing a multi-barrier treatment process to supply 160 million litres of treated drinking water daily. This project is a key milestone in improving the region's water infrastructure.

Location	Tasmania
Status	Completed
Contract value	244m
Client	TasWater



Hunter Power Project

UGL is the principal contractor for the construction of a 660 MW power generation plant at the Hunter Power Project (HPP) in Kurri Kurri, New South Wales, commissioned by Snowy Hydro Limited. The HPP will generate energy with two heavy duty “F Class” open cycle gas turbines, capable of operating on hydrogen, natural gas and diesel as a backup.

Location	New South Wales
Status	Current
Contract value	185m
Client	Snowy Hydro Ltd



HumeLink West

HumeLink West involves the expansion of the existing Wagga Wagga 330 kV substation, the design and construction of a new substation at Gugaa and connection works to the future Maragle 500 kV substation. The project also includes a new 500 kV double circuit transmission line to connect the substations at the Wondalga interface point with HumeLink East.

Location	New South Wales
Status	Current
Contract value	1.4b
Power	500kV
Client	Transgrid

Newman to Roy Hill Transmission System

WESTERN AUSTRALIA

Completed project

UGL was chosen by Alinta under an Early Works Agreement (EWA) to design and supply a transmission system from Newman to Roy Hill mine. They conducted site surveys and geological assessments to finalise an EPC price and procure long lead items. The EPC contract covers the delivery of a 66/220 kV substation at Newman, 140 km of 220 kV transmission line, a 220/33 kV substation, 5 km of 4 x 33 kV cable route, and backup diesel generation at the Roy Hill process plant. The scope included erosion controls, earthworks, drainage, access roads, foundations, high voltage plant installation, and complete secondary systems for substations, as well as all necessary work for the transmission line.



Stratford Peaker Power Station

NEW ZEALAND

Completed project

UGL was contracted to install the two LMS100TM 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.



Green Square Trunk Stormwater Alliance

NEW SOUTH WALES

Completed project

The scope of work for the Green Square Trunk Stormwater Project Alliance (the Alliance) included all aspects of project management, the development of tender reference design (concept design) and detailed design, construction management—encompassing environmental and community management, as well as civil and structural works, and the commissioning and preparation of necessary documentation.



Melbourne Water Western Treatment Plant - Stage 2

VICTORIA

Completed project

UGL, in partnership with CPB Contractors, completed the WTP Stage 2 works, including design, construction, and maintenance. MWC needed a reliable secondary treatment plant to enhance capacity for future growth, employing a two-phase delivery process. Stage 1 focused on innovative solutions from shortlisted proponents to provide the best whole-of-life cost while meeting functional requirements, ultimately developing the 160S nutrient removal plant.



Kaban Substation Wind Farm Connection (Green Power Hub Connection)

QUEENSLAND

Completed project

The project involved designing, constructing, and optionally testing a new substation for connecting the Kaban wind farm. The works included design, procurement, substation construction, transmission line construction. Substation 108 Tumoulin consists of two diameters in a 3-breaker mesh configuration to accommodate a 200MVA transformer yard. The project also involved constructing tower and pole foundations and integrating the 275kV transmission line into Tumoulin Substation.



MacIntyre Windfarm Connection 330kV Transmission Line

QUEENSLAND

Completed project

The scope of works included the construct only of approximately 63km of 330kV steel lattice structure transmission line. The new twin conductor transmission line involved a combination of double circuit and single circuit D-Series towers as well as foundation and structure erection work for the cut in arrangement at Tumaville substation involving tower and poles. The works were divided into clearing, access tracks, benching and transmission line construction.



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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