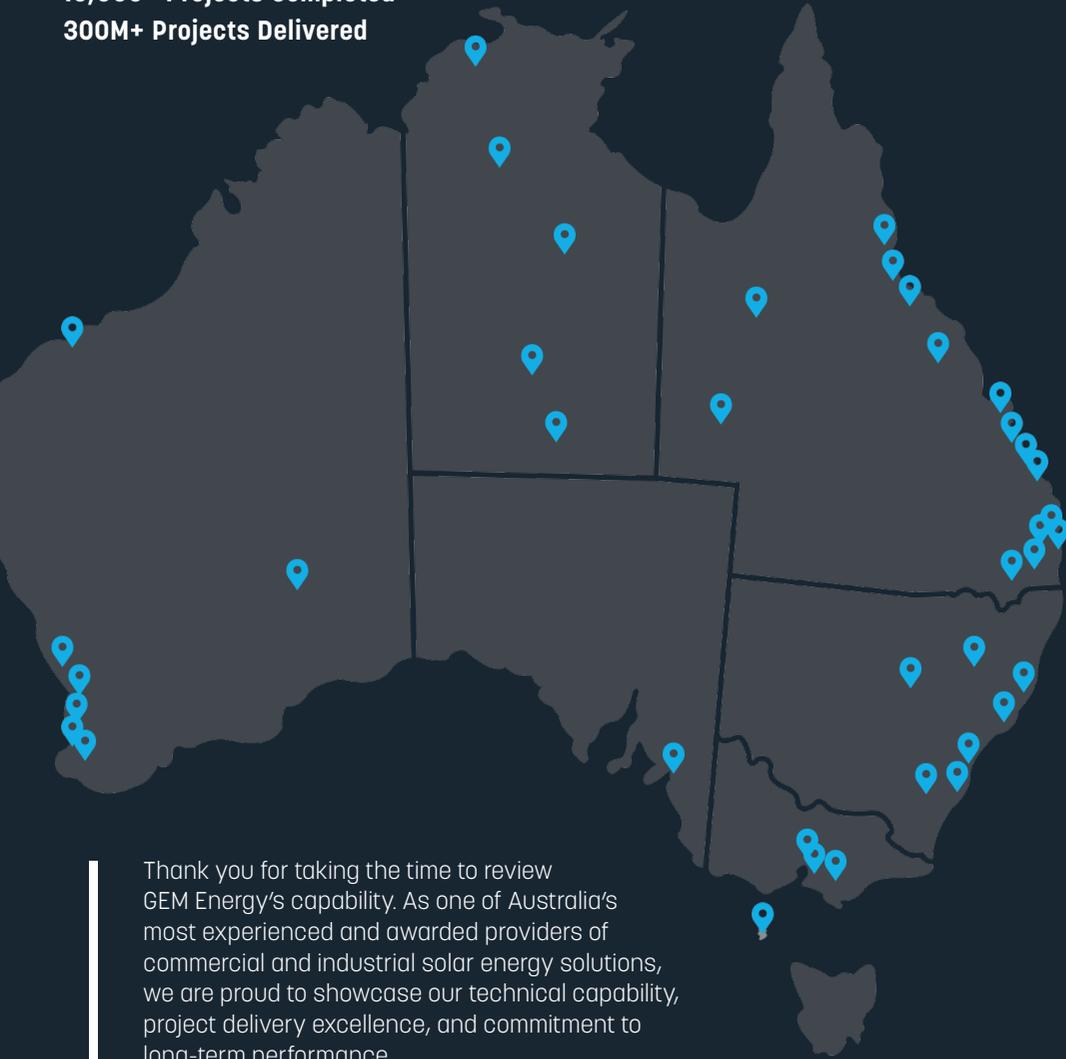


10,000+ Projects Completed
300M+ Projects Delivered



Thank you for taking the time to review GEM Energy's capability. As one of Australia's most experienced and awarded providers of commercial and industrial solar energy solutions, we are proud to showcase our technical capability, project delivery excellence, and commitment to long-term performance.

Backed by RACQ — one of Queensland's most trusted organisations — GEM Energy has delivered more than \$300 million worth of solar and battery projects nationally. We specialise in turnkey solutions across government, defence, education, retail, logistics, and agriculture, with a strong focus on safety, quality, and sustainability.

GEM Energy has been recognised with multiple Clean Energy Council (CEC) and other awards, including the Best Solar Design & Installation for a 638kW system at Australia Zoo .

Jack Hooper, Founder, GEM Energy



www.gemenergy.com.au

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RACQ is the majority shareholder in GEM Energy Australia Pty Ltd (ABN 25 164 579 382, Electrical Contractor Licence 78701) trading as RACQ Solar (GEM Energy). All goods and services are provided by GEM Energy.



Capability Statement

A Unity of Two Leading Brands

RACQ's investment in GEM Energy — an award-winning leader in solar and battery storage — strengthens our ability to deliver an unmatched offering to the Australian energy market.

Together, our vision is to provide small, mid-market, and large-scale commercial businesses with integrated, turn-key energy solutions that enable smarter energy management — delivering both cost efficiency and environmental sustainability.



3 x Clean Energy Council Design and Installation award winners for large scale commercial and battery systems.



Diversified and integrated portfolio of solar energy-related services, including design, engineering, procurement, project management, installation, commissioning, and asset management.



Operates nationally with capability to service any region in Australia.



Clients include; QUBE, Cleanaway, Australia Zoo, Hutchinson Builders, Uniting Care Australia, Vicinity Centres, Catholic Education, Charter Hall and many more.



Financially sound, with revenue of \$2.3bn and net assets of \$1.4bn.



A diverse Queensland organisation, RACQ was established in 1905 and today provides roadside assistance, insurance, banking, travel and solar energy services to its more than 1.7 million members.



Extensive experience in the delivery of large-scale contracts, underpinned by RACQ's proven capability in managing complex service networks and operational partnerships across Queensland.



Since 2011, the RACQ Foundation has distributed more than \$15 million to assist more than 500 Queensland community groups affected by natural disasters and drought.

Tailored Solutions for SMEs

GEM Energy is a leading provider of customised commercial solar and battery storage solutions across Australia. Offering comprehensive, end-to-end services—from initial consultation and system design to installation, monitoring, and long-term support.

GEM Energy stands apart through a unique combination of technical excellence, deep industry experience, and a steadfast commitment to quality.

With over \$300 million in completed projects and recognition as one of Australia's top commercial solar providers, we bring a proven track record to every job.

■ Solar Installations

Tailored solar systems for businesses, councils, schools, and industrial facilities—designed to reduce operational costs and carbon footprint while delivering strong ROI.

■ Battery Storage Solutions

Custom battery solutions that maximise energy independence, reduce peak demand charges, and provide access to revenue streams like FCAS and Virtual Power Plants (VPPs).

■ Solar Carport Structures

Innovative carport systems (including single-axis and butterfly designs) that combine shading and solar generation—enhancing site functionality and appearance.

■ Government Incentive Navigation

Support to identify and secure available solar and battery rebates, including STCs, feed-in tariffs, and state-based programs like the Cheaper Home Batteries initiative.

■ Flexible Financing Options

Multiple funding models including CAPEX, Power Purchase Agreements (PPA), and no upfront cost solutions to suit your financial and operational goals.



Education & Childcare

We deliver safe, efficient solar and battery solutions for schools, colleges, and childcare centres—cutting energy costs and supporting sustainability goals. Just like Shalom College in Bundaberg QLD, which slashed annual power bills from \$350k to under \$20k with GEM Energy.

Agriculture

Our high-performance solar solutions help farms and agribusinesses cut operating costs, stabilise energy supply, and boost long-term sustainability—delivering cleaner, more reliable energy tailored to the demands of agricultural operations.



Warehouses & Offices

Our commercial solar systems help businesses of all sizes—from single-site operations to national rollouts—reduce energy bills, improve efficiency, and meet ESG goals across warehouses, offices, and commercial facilities.

Carparks

We turn ordinary carparks into powerful energy hubs with innovative solar shade structures—delivering reliable clean energy while providing valuable shade and enhancing your site's functionality and appeal.



Shopping Centres

We design high-yield rooftop solar systems tailored for shopping centres, helping reduce operational costs and boost sustainability credentials to impress customers and stakeholders.