



GLOBAL TECHNOLOGY.
LOCAL PARTNERSHIP.
SHARED SUCCESS.

AUSTRALIAN DISTRIBUTION & PROJECT DELIVERY PARTNER

BUILDING AUSTRALIA'S NEXT GENERATION ENERGY INFRASTRUCTURE

DEVELOP | DELIVER | OWN | OPERATE

Integrated solutions in EV charging, battery energy storage, solar integration and smart grid technologies.

Powering a sustainable future for Australia and beyond.



SUSTAINABLE
FUTURE



INTELLIGENT
SYSTEMS



STRATEGIC
INVESTMENTS



RELIABLE
PERFORMANCE

EV CHARGING INFRASTRUCTURE

BATTERY ENERGY STORAGE

SOLAR + STORAGE SOLUTIONS

SMART GRID TECHNOLOGIES

ENERGY MANAGEMENT SYSTEMS

CHAIRMAN'S MESSAGE

A VISION FOR AUSTRALIA'S ENERGY FUTURE

As Australia accelerates toward a cleaner, more resilient energy future, the need for intelligent infrastructure has never been greater.

At Shakra Energy, our vision is simple — to develop, own and operate critical energy assets that power communities, industries and future generations.

Through our strategic partnership with Shenglong Electric, we combine Australian development expertise with world-class manufacturing and technology to deliver end-to-end energy infrastructure solutions.

Together, we are building a platform that delivers long-term value, energy security and a sustainable future for Australia and the region.

“
We don't just build projects.
We build Australia's energy future.”

BASSEM (SAM) KHALIL

Executive Chairman
Shakra Energy



OUR VISION

POWERING AUSTRALIA'S NEXT GENERATION INFRASTRUCTURE

The world is entering a new era of energy. One that demands cleaner solutions, smarter infrastructure and long-term thinking.

Our vision is to lead Australia's transition by building and owning the critical energy infrastructure that powers communities, industries and future generations.

“

We are building the energy infrastructure Australia needs today, for tomorrow. ”



SUSTAINABLE FUTURE

Developing clean, reliable and affordable energy solutions that create lasting environmental and social value.



STRONGER COMMUNITIES

Investing in infrastructure that supports economic growth, energy security and community wellbeing.



ENDURING VALUE

Building a diversified portfolio of high-quality assets that deliver long-term value for our partners and investors.

AUSTRALIA'S ENERGY TRANSITION. OUR COMMITMENT.

2020



THE START

Investing in renewable energy and infrastructure opportunities across Australia.

2025



ACCELERATING GROWTH

Expanding into battery storage, EV infrastructure and smart energy solutions.

2030



INTEGRATED SOLUTIONS

Delivering integrated energy platforms that support industries and communities.

2035+



LEADING THE FUTURE

A trusted Australian energy platform with global partnerships and enduring assets.

OUR PRIORITIES

- ✓ Energy Security
- ✓ Operational Excellence
- ✓ Technology Leadership
- ✓ Sustainable Growth
- ✓ Strong Partnerships

STRATEGIC PARTNERSHIP.

LOCAL EXPERTISE. GLOBAL CAPABILITY.
DELIVERING END-TO-END SOLUTIONS.

Shakra Energy and Shenglong Electric have formed a strategic partnership that combines Australian development expertise with world-class manufacturing, engineering and technology capability.

Together, we deliver integrated energy infrastructure solutions across Australia, the Asia Pacific and global markets.



ONE PARTNERSHIP. COMPLETE CAPABILITY.

SHAKRA ENERGY DEVELOPMENT & INVESTMENT

- Australian development expertise and project origination
- Infrastructure investment and asset ownership
- Strong government and stakeholder relationships
- End-to-end project development and execution



SHENGLONG ELECTRIC MANUFACTURING & TECHNOLOGY

- Global manufacturing scale and capacity
- Advanced R&D and product innovation
- World-class quality and reliability
- Proven global supply chain and delivery track record

GLOBAL REACH

- AUSTRALIA**
Development, Investment, Asset Management
- ASIA PACIFIC**
Project Delivery, Market Expansion
- GLOBAL MARKETS**
Manufacturing, Technology, EPC Solutions

A GLOBAL PLATFORM. BUILT FOR IMPACT.

Shakra Energy and Shenglong Electric combine development expertise and world-class manufacturing to deliver integrated energy infrastructure solutions at scale.

From project development and investment to manufacturing and long-term asset ownership, our platform is built to create enduring value and a more sustainable future.



Shenglong Electric Global Headquarters & Advanced Manufacturing Campus, China

AT A GLANCE



30+

YEARS OF EXPERIENCE
Across development, engineering and manufacturing



2,500+

EMPLOYEES GLOBALLY
Engineers, technicians and industry specialists



3

CONTINENTS
Operations in Australia, China and the Middle East



10+

COUNTRIES
Project experience and supply footprint



5GW+

PIPELINE
Development pipeline across renewables, storage and infrastructure



\$10B+

INVESTMENT CAPACITY
Access to capital for development and strategic investments

INTEGRATED. END-TO-END. BUILT TO DELIVER.



DEVELOP

Originate and secure high-quality projects with strong returns and community impact.



ENGINEER

Design and engineer bankable, future-ready energy infrastructure solutions.



MANUFACTURE

Leverage world-class manufacturing capacity and quality to ensure reliability and scale.



DELIVER

Execute projects safely, on time and on budget with operational excellence.



OWN & OPERATE

Own and operate assets for long-term performance, resilience and value creation.



GLOBAL TECHNOLOGY.
LOCAL PARTNERSHIP.
SHARED SUCCESS.

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DEVELOP | DELIVER | OWN | OPERATE

Integrated solutions in EV charging, battery energy storage, solar integration and smart grid technologies.

Powering a sustainable future for Australia and beyond.



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RELIABLE
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BATTERY ENERGY STORAGE

SOLAR + STORAGE SOLUTIONS

SMART GRID TECHNOLOGIES

ENERGY MANAGEMENT SYSTEMS

EV INFRASTRUCTURE. EVERY JOURNEY. EVERY INDUSTRY.

From highways and cities to fleets and airports, our charging solutions are designed to power the transition to electric mobility.

Scalable, intelligent and future-ready infrastructure for a cleaner Australia.

SMART TECHNOLOGY.
RELIABLE PERFORMANCE.
BUILT FOR TOMORROW.

HIGHWAY CHARGING

FAST. RELIABLE. EVERYWHERE.



High-power DC fast charging for long distance travel corridors and rest stops.



Up to 360kW
per charger



15–30 mins
typical charge time

FLEET CHARGING

POWERING BUSINESS. MAXIMISING UPTIME.



Depot and fleet charging solutions that optimise operations and reduce TCO.



Smart load
management



Lower operating
costs

PUBLIC CHARGING

ACCESSIBLE. CONVENIENT. CONNECTED.



AC and DC charging for urban, retail, commercial and destination locations.



Multiple payment
options



Cloud connected
& monitored

AIRPORT & TRANSPORT

KEEPING AUSTRALIA MOVING.



Specialised charging for airports, buses, and public transport fleets.



High power
solutions



Safe, reliable
& compliant

BATTERY ENERGY STORAGE SYSTEMS

**STABLE TODAY. SCALABLE TOMORROW.
POWERING WHAT MATTERS.**

Our Battery Energy Storage Systems (BESS) are engineered for long life, high performance and maximum safety.

From grid stabilisation and renewable integration to peak shaving and backup power, our solutions deliver reliable energy when and where it's needed.



SAFE & RELIABLE

Advanced battery chemistry and multi-layer protection for maximum safety.



HIGH PERFORMANCE

Optimised for efficiency, cycle life and consistent power output.



SCALABLE DESIGN

Modular architecture for easy scaling from MW to GWh.



SUSTAINABLE IMPACT

Enabling a cleaner grid and accelerating the transition to Net Zero.



BUILT TO LAST

Long service life with minimal maintenance and high availability.



SMART INTEGRATION

Seamless integration with EMS, SCADA and renewable energy systems.

PROVEN PERFORMANCE

20GWh+

Cell Production Capacity

100+

BESS Projects Delivered

10+

Countries Operating

15+

Years Experience

BUILT FOR MULTIPLE APPLICATIONS



GRID STABILISATION

Enhancing grid reliability and balancing supply and demand.



RENEWABLE INTEGRATION

Capturing and storing clean energy for consistent power delivery.



PEAK SHAVING

Reducing peak demand charges and optimising energy costs.



BACKUP POWER

Reliable backup for critical loads and essential operations.



COMMERCIAL & INDUSTRIAL

Powering businesses with clean, reliable and cost-effective energy.



REMOTE & OFF-GRID

Delivering energy security where it's needed most.

“

Energy storage is the backbone of a resilient, sustainable and affordable energy future.

”

EV CHARGING INFRASTRUCTURE

POWERING THE EV TRANSITION ACROSS AUSTRALIA.

Our comprehensive EV charging infrastructure solutions support the transition to a cleaner transport future with reliable, scalable and future-ready charging networks.



HIGHWAY CHARGING

FAST. RELIABLE. EVERYWHERE.

DC fast charging stations along major highways and travel corridors for long distance EV travel.



Up to 360kW
DC fast charging



15–30 mins
typical charge time



24/7
availability



FLEET CHARGING

EFFICIENT. INTELLIGENT. SCALABLE.

Depot and fleet charging solutions designed to reduce operating costs and maximise vehicle uptime.



Smart load
management



Lower total cost
of operations



Scalable for
any fleet size



PUBLIC CHARGING

ACCESSIBLE. CONVENIENT. CONNECTED.

AC and DC charging stations for urban, retail, commercial and destination locations.



AC & DC
options



Multiple payment
solutions



Real-time monitoring
& support

BUILT FOR THE FUTURE



High reliability
& uptime



Smart software
platform



OCPP compliant
& future-ready



Renewable
energy integration



Advanced safety
& security

ONE NETWORK. EVERY JOURNEY. Building the charging infrastructure Australia needs, today and tomorrow.



200+
Charging Sites



1,000+
Charging Points



10+
Countries



15+
Years Experience

INTEGRATED RENEWABLE ENERGY INFRASTRUCTURE

Solar Generation. Battery Storage.
Grid Intelligence.

We develop and integrate utility scale solar and battery energy storage systems to deliver reliable, affordable and sustainable energy at scale.

Our integrated approach maximises generation, enhances grid stability and creates long-term value for communities, industries and investors.

01

UTILITY SCALE SOLAR

High efficiency solar assets designed for maximum energy production and long-term performance.

02

BATTERY STORAGE

Large scale BESS solutions that store energy, manage supply and demand, and improve reliability.

03

RENEWABLE INTEGRATION

Seamless integration of solar and storage into the grid to accelerate the transition to clean energy.

04

GRID STABILISATION

Support frequency, voltage and inertia, ensuring a stable and resilient energy network.

05

ENERGY ARBITRAGE

Store low-cost energy and deliver when it's needed most to optimise returns.

06

VIRTUAL POWER PLANT READINESS

Digital infrastructure ready to participate in future VPP and market platforms.

CLEAN ENERGY. SMARTER SYSTEMS. STRONGER FUTURE.

INTEGRATED RENEWABLE ENERGY INFRASTRUCTURE

**SOLAR GENERATION.
BATTERY STORAGE.
GRID INTELLIGENCE.**

We design, build and integrate utility scale solar and battery storage systems to deliver reliable, affordable and sustainable energy at scale.

Our integrated solutions strengthen grids, reduce volatility and unlock the full value of renewable energy.



UTILITY SCALE SOLAR

High performance solar assets engineered for maximum energy yield and long term value.



BATTERY STORAGE

Large scale BESS solutions that store energy and provide firm, dispatchable capacity.



RENEWABLE INTEGRATION

Seamless integration of solar and storage into the grid for a stable and resilient transition.



PEAK SHAVING & GRID STABILISATION

Reduce peak demand, support frequency and voltage, and enhance grid reliability.



ENERGY ARBITRAGE

Optimise energy value by storing low and dispatching high across market cycles.



VIRTUAL POWER PLANT READINESS

Digital infrastructure ready to participate in VPP and future energy markets.

SOLAR ROBOTICS. MAXIMISING PERFORMANCE. MINIMISING COST.

**AUTONOMOUS. INTELLIGENT.
BUILT FOR UTILITY SCALE.**

Our solar robotics solutions harness advanced automation and AI to maximise energy yield, reduce operating costs and extend the life of solar assets.

Engineered for harsh environments and large scale operations.



AUTONOMOUS CLEANING

Fully autonomous robots deliver consistent cleaning performance with minimal human intervention.



MAXIMUM ENERGY YIELD

Clean panels produce more power. Our robots help increase energy generation by up to 15%.



LOWER OPEX

Reduce water usage, labour costs and maintenance with efficient, data-driven cleaning operations.



BUILT TO ENDURE

Rugged design for extreme temperatures, dust, and terrain. Built for long life and reliable performance.



AI & SMART OPERATIONS

Real-time monitoring, predictive scheduling and performance analytics optimize every clean.



SUSTAINABLE BY DESIGN

Optimised waterless or low-water cleaning options support your ESG and sustainability goals.

POWERING INDUSTRY. DRIVING PRODUCTIVITY. DELIVERING VALUE.

RELIABLE ENERGY SOLUTIONS FOR MINING & HEAVY INDUSTRY.

We provide integrated energy solutions that keep operations running safely, efficiently and sustainably — even in the most demanding environments.

From off-grid power and microgrids to energy storage and smart management systems, we power performance where it matters most.



RELIABLE POWER ANYWHERE

Off-grid, hybrid and microgrid solutions for remote and mobile operations.



ENERGY STORAGE BUILT TOUGH

Rugged battery systems designed for harsh conditions, high loads and long life.



REDUCE COSTS. INCREASE OUTPUT.

Lower fuel consumption, reduce downtime and optimise energy for higher productivity.



SAFE. COMPLIANT. SUSTAINABLE.

Engineered to meet the highest safety standards and minimise environmental impact.



SMART ENERGY MANAGEMENT

Real-time monitoring and automation for maximum efficiency and control.



BUILT FOR HEAVY DUTY

Proven technology. Industrial strength. Enduring performance.



100+
Sites Powered



500+ MWh
Energy Storage Deployed



10+
Countries



24/7
Technical Support



Zero
Compromise on Safety

SMARTER GRIDS. INTELLIGENT ENERGY. STRONGER FUTURE.

AI-POWERED ENERGY MANAGEMENT FOR A DYNAMIC WORLD.

We combine advanced software, real-time analytics and AI-driven optimisation to modernise energy systems across generation, storage and distribution networks.

Our smart grid and energy management solutions improve visibility, predict demand, optimise assets and enable faster, smarter decisions — driving reliability, efficiency and value at every level.



AI-DRIVEN FORECASTING

Machine learning models predict demand, generation and market trends with high accuracy.



REAL-TIME MONITORING

End-to-end visibility across assets and networks for faster response and smarter operations.



INTELLIGENT OPTIMISATION

AI algorithms optimise dispatch, storage, and grid operations to reduce costs and maximise returns.



GRID STABILITY & RELIABILITY

Advanced analytics detect risks early and help maintain a stable, resilient and secure energy network.



DEMAND RESPONSE MANAGEMENT

Smart automation enables dynamic demand management to balance supply, reduce peaks and save costs.

THE BENEFITS

- ✓ Lower operating costs
- ✓ Improved asset performance
- ✓ Higher grid reliability
- ✓ Faster decision making
- ✓ Future-ready infrastructure
- ✓ Sustainable energy outcomes



100%
Real-time Visibility



20%+
Operational Cost Reduction



15%+
Energy Yield Improvement



99.9%
System Reliability



AI
Powered Decisions



**Secure. Scalable.
Future Ready.**

A STRONG PLATFORM. BUILT FOR GROWTH. DELIVERING RETURNS.

A COMPELLING INVESTMENT OPPORTUNITY IN THE GLOBAL ENERGY TRANSITION.

Shakra Energy and Shenglong Electric combine deep industry expertise, proven technology and a scalable business model to deliver resilient, long-term value for our investors and partners.

We are building integrated energy infrastructure that accelerates decarbonisation, strengthens energy security and generates sustainable, risk-adjusted returns.

01

LARGE & GROWING MARKET

Strong secular tailwinds driven by the global shift to clean energy, electrification and energy security.

02

INTEGRATED & DIVERSIFIED PLATFORM

End-to-end capabilities across solar, storage, EV, robotics, mining and smart grid solutions.

03

PROVEN TECHNOLOGY PARTNERSHIP

Strategic collaboration combining global manufacturing scale with local market expertise and execution strength.

04

ATTRACTIVE FINANCIAL PROFILE

High-quality pipeline, recurring revenue potential and disciplined capital allocation driving strong risk-adjusted returns.

05

SUSTAINABLE IMPACT

Delivering measurable environmental and social value through reliable, clean energy solutions.

06

EXPERIENCED LEADERSHIP

A world-class team with deep industry experience and a track record of successful delivery.



PARTNERING FOR A CLEANER, SMARTER, STRONGER FUTURE.
INVEST WITH CONFIDENCE. GROW WITH PURPOSE.

Robust Pipeline
5+ GW

Strategic Markets
10+ Countries

Global Ambition
Limitless Potential

EXPERIENCED LEADERSHIP. PROVEN DELIVERY.

UNITED BY PURPOSE.
DRIVEN BY PERFORMANCE.

Our leadership team brings decades of combined experience across energy, infrastructure, finance and technology.

We are builders, operators and innovators—committed to delivering reliable, sustainable and high-performing energy infrastructure for the future.



BASSEM GHANDOUR
Executive Chairman

Over 25 years of leadership in energy, infrastructure and investment across Australia and the Middle East.

Formerly with Macquarie, led multi-billion dollar infrastructure and energy transactions and operations.



JACK ZHANG
Chief Executive Officer

Energy executive with extensive experience in renewables, storage and smart energy solutions.

Former CEO of leading energy technology companies with global delivery track record.



MARK DOOLAN
Chief Development Officer

Seasoned infrastructure developer with over 20 years delivering utility-scale energy projects across APAC.

Expert in project origination, permitting, stakeholder engagement and capital structuring.



DAVID LI
Chief Technology Officer

Technology leader in BESS, power electronics and energy management systems.

Drives innovation and integration of AI, IoT and advanced control systems across our platforms.



ANDREW CLARKE
Chief Financial Officer

Finance executive with deep expertise in structured finance, M&A and capital markets.

Formerly with global investment banks and infrastructure funds across Australia and Asia.



RAHUL NAIR
Chief Operating Officer

Operations leader with proven experience in engineering, construction and asset management.

Focused on operational excellence, safety and long-term asset performance.

OUR LEADERSHIP OUR COMMITMENT



INTEGRITY

We do the right thing, always.



ACCOUNTABILITY

We take ownership and deliver.



INNOVATION

We challenge convention and embrace change.



COLLABORATION

We achieve more together.



SAFETY

We protect our people, assets and communities.



SUSTAINABILITY

We build for a cleaner and more resilient future.

PARTNERING FOR A **CLEANER,** **STRONGER,** **SMARTER FUTURE.**

We are building the infrastructure
that powers progress. Together.

Let's shape the future of energy.
Get in touch with our team.

GET IN TOUCH



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OUR PRESENCE



OUR CAPABILITIES

- Utility Scale Solar & BESS
- EV Charging Infrastructure
- Solar Robotics
- Mining & Heavy Industry Solutions
- Smart Grids & AI Energy Management

**BUILT TODAY.
POWERING
TOMORROW.**