SHAKRA ENERGY
RENEWABLE ENERGY DEVELOPERS

IN PARTNERSHIP WITH

SHENGLONG NEW ENERGY

INTEGRATED ENERGY INFRASTRUCTURE

BUILDING THE NEXT GENERATION OF ENERGY AUSTRALIA AND PACIFIC

Australian development expertise.
Global engineering and manufacturing capability.

CAPABILITY STATEMENT

PROJECT DEVELOPMENT / POWER SYSTEMS / SMART ENERGY

2026

01 / THE PARTNERSHIP

ONE PARTNERSHIP. THE COMPLETE ENERGY LIFECYCLE.

Shakra Energy and SL Energy combine project development, advanced engineering, manufacturing and long-term asset ownership to deliver integrated energy systems.

The partnership supports residential, commercial, industrial and mining projects from acquisition and development through engineering, construction, commissioning and ongoing operations.



BOOT
Build, Own, Operate, Transfer

A complete project solution from development to long-term ownership.

PPA
Power Purchase Agreement

Reliable and sustainable power through long-term energy contracts.

DEVELOP

Origination and project structuring

DELIVER

Engineering and construction

OPERATE

Asset ownership and optimisation

02 / MARKETS

ENERGY SYSTEMS FOR DEMANDING ENVIRONMENTS

EV CHARGING INFRASTRUCTURE

01

Residential

Distributed energy, EV charging, storage and smart energy technologies support efficient homes, residential developments and more resilient communities.

02

Commercial & industrial

Charging networks, grid integration, power optimisation and multi-energy systems serve property developers, transport operators, logistics hubs and commercial facilities.

03

Mining & heavy industry

Microgrids, large-scale storage, high-power charging and grid stabilisation support fleet electrification, power quality and resilient remote operations.

03 / PROJECT DELIVERY

FROM OPPORTUNITY TO LONG-TERM OPERATION.

E - Engineering. P - Procurement. C - Construction. M - Management

01 ACQUIRE

Technical due diligence and disciplined asset selection.

02 STRUCTURE

Investment strategy, financial structuring and delivery model.

03 ENGINEER

System design, technology integration and procurement.

04 DELIVER

Construction, commissioning and operational readiness.

05 OPERATE

Long-term ownership, maintenance and asset performance.

FLEXIBLE DELIVERY MODELS EPC / Build-Own-Operate / Joint ventures / Strategic partnerships

04 / LINES OF BUSINESS

THREE CORE CAPABILITIES. ONE INTEGRATED OFFERING.

EV SOLUTION

Electric mobility

AC and DC charging, high-power systems, charging management and integrated power infrastructure for passenger, commercial and industrial fleets.

SMART ENERGY

Storage & integration

Battery energy storage and multi-energy integration combine generation, storage and load management to improve reliability and operational performance.

SMART GRID

Intelligent power

Power quality optimisation, motor soft starters, smart distribution and advanced controls support stable, efficient electrical networks.

05 / EV CHARGING

INTELLIGENT CHARGING. INTEGRATED INFRASTRUCTURE.



EV charging infrastructure

The charging portfolio spans AC charging, DC fast charging, split-type systems and liquid-cooled high-power charging, supported by management platforms.

Designed around the site

System selection aligns charging demand, site capacity, operational duty and power management requirements for passenger, commercial and industrial fleets.

EXPANDED CAPABILITY / ALTERNATIVE FUELS

ETHANOL AND METHANOL. GENERATION OPTIONS.



Methanol generators

Methanol-fuelled generation is included in the product catalogue. Project duty, output and equipment configuration are confirmed during selection.

ETHANOL

Project enquiries

Ethanol generator options can be discussed for project requirements. Manufacturer, fuel compatibility, output, availability and emissions data require confirmation.

Product photograph pending model selection.

Methanol image: supplied catalogue. Ethanol added at client request; no ethanol model photograph or technical datasheet was supplied.

06 / GENERATORS

DEPENDABLE GENERATION. GAS, DIESEL AND METHANOL-ETHANOL POWER.



DIESEL

Rolls-Royce mtu

High-capacity diesel generator systems for industrial facilities and critical standby power.



DIESEL

Perkins

Diesel generator solutions for data centres, commercial facilities, healthcare and remote operations.



METHANOL

Methanol generators

Alternative-fuel generation for prime and standby duty, including containerised industrial applications.

Product imagery from the Shakra catalogue. Final equipment configuration is selected to suit project requirements.

07 / SMART ENERGY

STORAGE THAT CONNECTS GENERATION AND DEMAND.

For Australia, the partnership focuses on modular, plug-and-play battery storage architectures that simplify installation and reduce heavy civil requirements.



- Integrate distributed photovoltaics with storage and charging.
- Support energy resilience across commercial, industrial and distributed applications.
- Combine microgrids, power management and scalable storage for demanding sites.

08 / SMART GRID & AI

FROM REACTIVE MAINTENANCE TO PREDICTIVE OPERATIONS.

AI-iPANEL

Intelligent distribution

AI-integrated electrical infrastructure enables predictive fault diagnostics and self-diagnosing power systems.

iDRIP 5.0

Digital twin management

Building, industrial and infrastructure models bring more than 20 operational subsystems into a unified management environment.

TECHNOLOGY DIFFERENTIATORS

Fault prediction / Remote asset management / AI-enabled distribution

Integrated grid controls / Modular battery storage

Shakra Energy's 24/7 client service portal, developed by a leading Australian IT engineering team, provides customers worldwide with seamless access to support and services across our entire product portfolio.

09 / ENGINEERING ASSURANCE

TESTING CAPABILITY BUILT INTO THE PLATFORM.

1,340 m²

Laboratory building

Equipment includes a CCS2 test cell, eight BMS test cells, two AC test tools, and environmental, humidity and vibration test facilities.

- Charging process and functional testing
- Performance and safety testing
- Thermocycling and vibration testing
- Power quality testing

Testing supports system validation across charging functionality, environmental exposure and electrical performance.

Laboratory area, equipment quantities and test scope reproduced from the supplied capability statement.

10 / LEADERSHIP

LOCAL EXPERIENCE.
GLOBAL ENGINEERING EXPERTISE.



Bassem (Sam) Khalil

Executive Chairman

More than 30 years in property and renewable energy development. Experience spans acquisition, project management, subdivision and construction.

Extensive involvement in major solar energy developments across Australia, combining industry experience with a strong commitment to building lasting strategic relationships and international partnerships.



Dr. Fei Pan

SL Energy Executive Chairman

Ph.D. in Management from Purdue University, with postgraduate qualifications in Computer Science and Industrial Engineering. Previous Cummins roles span supply chain, operations, strategy and leadership of Cummins Power Technology in China.

Titles and portraits follow the current Shakra website; career summaries are drawn from the supplied statement.

11 / STRATEGIC ENTITIES

EXPANDING THE PLATFORM THROUGH SPECIALIST CAPABILITY.

SL Energy combines organic growth, strategic acquisitions and technology investment across power distribution, energy management and electric mobility.

01 SL Energy

Formerly Hubei Surpass Sun Electric. Integrates distributed photovoltaics, energy storage and intelligent charging for commercial and industrial applications.

02 OVELEC

International EPC platform supporting electricity and energy infrastructure project delivery.

03 SSEE

SL Energy smart energy and engineering supports intelligent grids, energy management, digital twin platforms and smart buildings.

13 / INVESTMENT & LONG-TERM VALUE

INTELLIGENT INFRASTRUCTURE. ENDURING ASSET VALUE.

The partnership connects Shakra Energy's project development and infrastructure delivery experience with SL Energy's engineering, manufacturing and technology platforms.

This alignment supports the origination, development, delivery and operation of complex energy assets across multiple sectors.

- Expand intelligent power distribution capability.
- Integrate distributed energy ecosystems.
- Strengthen control of technology platforms.
- Grow international EPC delivery capability.
- Advance AI-enabled infrastructure innovation.

14 / SUPPLY CHAIN

DISCIPLINED PROCUREMENT. OPERATIONAL EXCELLENCE.

The supplied 2021-2025 strategy targets supply-chain cost of sales reduction from 12% to 8%, alongside improved planning, production flexibility and customer value.

2021

Reduce cost

Redefine procurement; reduce production, packaging and logistics costs.

2022

Integrate supply

Establish S&OP; and order management; optimise inventory and scheduling.

2023

Build flexibility

Improve planning accuracy and on-time delivery.

2024

Operational excellence

Continuously improve processes, efficiency and service levels.

2025

Value-driven production

Deliver products and supply-chain services shaped by customer demand.

Historical strategy from the source document. Targets are not presented as achieved results.

EXPANDED CAPABILITY / UTILITY-SCALE SOLAR

SOLAR POWER PLANTS. DEVELOPMENT THROUGH OPERATION.



Develop & structure

Greenfield development, site and land control, due diligence, interconnection studies and project planning.

Engineer & deliver

Plant design, procurement, construction management, testing and commissioning.

Operate & optimise

Operations and maintenance, asset management, monitoring and performance analysis.

MW Capabilities, pages 4, 8-10, 14-16 and 19. Image: Kauai, Hawaii, 7.5 MWp, supplied MW Capabilities page 23; source attribution retained.

SOLAR PROJECT IMAGERY / SUPPLIED MW EXAMPLES

GLOBAL SOLAR. UTILITY-SCALE EXAMPLES.



Halifax Airport

30.0 MWp | North Carolina, USA



Park Farm

13.0 MWp | Leicestershire, UK

Images, locations and capacities reproduced from supplied MW Capabilities, pages 24-25. Shakra delivery role is not independently verified.

SOLAR PROJECT IMAGERY / SUPPLIED MW EXAMPLES

GROUND-MOUNT SOLAR. INTERNATIONAL EXAMPLES.



Egginton

5.0 MWp | Bedfordshire, UK



Ketura

90.0 MWp | Arava Desert, Israel

Images, locations and capacities reproduced from supplied MW Capabilities, pages 26-27. Shakra delivery role is not independently verified.

EXPANDED CAPABILITY / COMMERCIAL STRUCTURES

FLEXIBLE OWNERSHIP. PROJECT-SPECIFIC FINANCING.



PPA & energy supply

Power purchase agreements, energy supply and leasing options can be assessed alongside customer-owned EPC, Build-Own-Operate and joint ventures.

Investment readiness

Financial modelling, offtaker assessment, land rights, grid connection and funding are considered together before commitment.

MW Capabilities, pages 8, 10-12 and 17. Funding and terms subject to agreement. Existing Buranda image does not imply a particular financing model.

EXPANDED CAPABILITY / STORAGE & MOBILE ENERGY

BATTERY STORAGE. MOBILE POWER AND CHARGING.



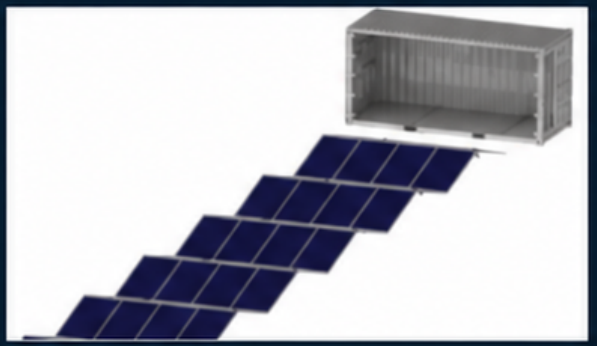
Battery storage

HBD A: commercial and industrial storage. HBD E: backup power. HBD R Genset Mate: transportable storage supporting generator operation.



Mobile charging

BCH mobile BESS chargers provide stored energy for electric equipment and EV charging where mobile deployment is required.



Deployable solar

Manual and automatic mobile PV systems, including the SPK-120 containerised array, complement packaged hybrid power systems.

Product Catalogue, pages 13-18 and 39-44. Images show the named catalogue products; model specifications remain in the technical catalogue.

15 / START A CONVERSATION

LET'S BUILD YOUR NEXT ENERGY PROJECT.

Development. Engineering. Manufacturing. Delivery.

SHAKRA ENERGY

Suite 802, Level 8
135 Macquarie Street
Sydney NSW 2000

1300 512 662
sales-service@shakraenergy.com

PROJECT ENQUIRIES

Sam Khalil
Executive Chairman

0423 685 022
sam@shakraenergy.com

Content adapted from the supplied 2026 statement. Website branding, leadership titles and corporate contact details checked 9 September 2026.