

INTEGRATED ENERGY INFRASTRUCTURE

BUILDING THE NEXT GENERATION OF ENERGY.

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 Shenglong 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.



DEVELOP

Origination and project structuring

DELIVER

Engineering and construction

OPERATE

Asset ownership and optimisation

02 / MARKETS

ENERGY SYSTEMS FOR DEMANDING ENVIRONMENTS.

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.

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

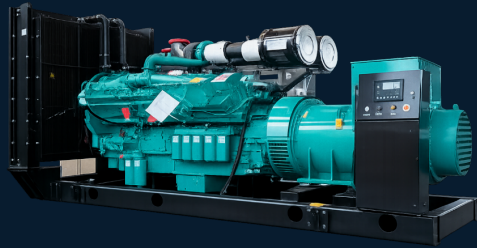
The charging portfolio spans AC charging, DC fast charging, split-type systems and liquid-cooled high-power charging, supported by management platforms.

Designed around the site

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

06 / GENERATORS

DEPENDABLE GENERATION. DIESEL AND METHANOL 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

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, including eight years with Executive Builders and Developers and over a decade leading Shakra Group.



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.

Shenglong Electric Group combines organic growth, strategic acquisitions and technology investment across power distribution, energy management and electric mobility.

01 Shenglong New Energy (Xiangyang) Co., Ltd.

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

Shenglong Smart Energy & Engineering supports intelligent grids, energy management, digital twin platforms and smart buildings.

12 / REGIONAL DEPLOYMENT

GLOBAL REACH. LOCAL INFRASTRUCTURE DELIVERY.

MYANMAR

Times City development

Smart power deployment using the iDrip 5.0 digital twin management platform.

VIETNAM & THAILAND

Industrial electrification

AI-enabled distribution supporting solar growth, manufacturing hubs and industrial parks.

GUYANA & KENYA

Transport infrastructure

Cheddi Jagan International Airport and Port of Mombasa: intelligent medium-voltage infrastructure and fault diagnosis.

50+

Countries with energy deployments

40+

Overseas dealer networks

70+

Countries / regions: product & project reach

Group footprint figures and regional examples are supplied-document claims with different scopes; they are not Shakra-only totals.

13 / INVESTMENT & LONG-TERM VALUE

INTELLIGENT INFRASTRUCTURE. ENDURING ASSET VALUE.

The partnership connects Shakra Energy's project development and infrastructure delivery experience with Shenglong'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.

APPENDIX A / HISTORICAL PROCUREMENT

KEY COMPONENT PURCHASING COST TRENDS.

Historical supplier comparison, 2021-2023

Standard	Supplier	Payment terms	2021	2022	2023
GB	Winline Technology	180 days	0.115/w	0.10/w	0.09/w
EU	UUGreenPower	100% pick-up	0.13/w	0.125/w	0.11/w
GB	HuiYun Photoelectric Technology	180 days	1450	1520	1520
EU	Worldshine Business Interconnection Technology Co.	100% pick-up	3812	3708	3400

Source values retained. Currency and the unit for whole-number prices were not specified. This is not a current price list or quotation.

APPENDIX B / PRODUCT DEVELOPMENT

GB/T PRODUCT ROADMAP.

Historical manufacturer roadmap: 2015-2020 and future concepts.



Original roadmap graphic retained for technical fidelity. Historical dates, product labels and future concepts are not current availability commitments.

APPENDIX C / PRODUCT DEVELOPMENT

CE PRODUCT ROADMAP.

Historical manufacturer roadmap: 2017-2021 and future concepts.



Original roadmap graphic retained for technical fidelity. Historical dates, product labels and future concepts are not current availability commitments.

15 / START A CONVERSATION

LET'S BUILD YOUR NEXT ENERGY PROJECT.

Development. Engineering. Manufacturing. Delivery.

SHAKRA ENERGY

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PROJECT ENQUIRIES

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