

Capability statement

Engineering support and equipment supply
from design to delivery



Lurizon Energy helps Australian developers and EPC contractors plan equipment procurement, extend engineering capacity and coordinate manufacturers. Working directly with Shanghai Electric and selected manufacturers, we clarify technical requirements and supply interfaces early so clients can make informed decisions and manage delivery risk.

For developers

Assess equipment options and lead times early, align procurement with project milestones and plan repeat requirements across a portfolio.

For EPC contractors

Extend tender and design capacity, resolve manufacturer queries and coordinate equipment supply while retaining project leadership.

01 / EQUIPMENT

Equipment and technology

Our delivered project references centre on switchgear. Broader technologies are accessed through Shanghai Electric and selected manufacturers, with the proposed manufacturer and qualification requirements identified for each package.

EQUIPMENT	SCOPE
MV and HV switchgear	Gas-insulated and air-insulated switchgear, ring main units, circuit breakers and disconnectors.
Power transformers	Power and distribution transformers, reactors, accessories and associated technical documentation.
Grid stability and power quality	Synchronous condensers, STATCOMs, SVCs, harmonic filters, capacitor banks and reactive power compensation.
Battery energy storage	Battery containers, power conversion systems, transformers, controls and balance-of-plant equipment.
Modular substations	Prefabricated switchrooms, packaged substations and integrated electrical equipment packages.
Wind technology	Onshore and offshore wind turbine technology and associated electrical infrastructure.
Firming and generation	Gas turbine and other dispatchable generation equipment, with auxiliary and grid connection packages.
Data centre power	Transformers, switchgear, modular power distribution and associated power infrastructure.

ADDITIONAL TECHNOLOGY ACCESS

Protection and control, CTs and VTs, HV cables, grid-forming technology, long-duration storage and hydrogen equipment can be assessed through the manufacturing network.

Each offer defines the equipment, manufacturer, technical departures, testing, delivery boundary, warranty and service arrangements.

02 / PROJECT REFERENCES

Proven switchgear delivery

Selected equipment supply and technical coordination experience

137

DAYS

Order to
Australian port

Lancaster Solar Farm

13 Siemens 8DA10 33 kV gas-insulated switchgear panels. Lurizon Energy coordinated design, supply and delivery to Australian port.

Order placed 25 February 2025. Australian port arrival 12 July 2025.

EQUIPMENT SUPPLIED

19

PANELS

RPA Bradken Expansion

19 Siemens 8DJH switchgear panels supplied. Lurizon Energy coordinated the metering and design review with Rayo and Shanghai Electric.

The joint review resolved the metering configuration, with burden and physical fit confirmed by Shanghai Electric.

CONTRACTED AND IN PROGRESS

Lower Wonga Solar Farm

Siemens 33 kV GIS, a 275 kV circuit breaker and a 275 kV disconnecter under an equipment supply agreement.

03 / ENGINEERING AND DELIVERY

Engineering and delivery



Engineering outputs

Manufacturer engineers and agreed specialists extend your team's capacity for tender and design work. Deliverables, design stage, checking and sign-off are defined for each package.

Drawings	Design basis, single-line diagrams, equipment and substation layouts, earthing layouts and cable routing.
Studies	Earthing calculations, cable sizing and protection summaries; grid studies coordinated with appointed specialists.
Technical documents	Equipment schedules, specifications, OEM data, technical comparisons, interface registers and design review records.

DELIVERY COORDINATION

Coordinate design reviews, factory testing and logistics to resolve interface issues early and keep procurement aligned with project milestones. Warranty and spares support follow the agreed scope.

Manufacturing relationship



Direct engagement with Shanghai Electric's commercial, technical and manufacturing teams connects the agreed engineering scope with equipment supply, factory testing and delivery. Contracting and service responsibilities are defined for each package.

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