

Capability Statement



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Introduction



Independent Energy Systems Pty Ltd (IES) is a 100% Palyku/Njamal Indigenous-owned and operated electrical contractor based in the Pilbara region of Western Australia, with a strong local presence in Port Hedland and Karratha. IES delivers engineered electrical, instrumentation and renewable energy solutions across the mining and industrial sectors, supported by a team embedded within the region's key resource hubs.

This proposal presents IES' capability to execute electrical works and associated services with structured supervision, technical depth and disciplined project delivery. Our team operates to the highest safety, compliance and quality standards, ensuring reliable outcomes aligned with client operational requirements and long-term asset performance.

2022

Established

Multi

Crew Deployment
Capability

2

Locations

100%

Indigenous Ownership



Taylor Coffin
Managing Director

Our Services

Engineered electrical and renewable solutions delivered with disciplined execution across the Pilbara.



1 Turnkey Projects

➤ End-to-end project delivery from design and procurement through construction, commissioning and handover.

2 Renewable Construction

➤ Design and construction of grid-connected, off-grid and hybrid solar and BESS systems for industrial and resource applications.

3 Labour Solutions

➤ Embedded project personnel to support principal contractors under our supervision framework

4 S26 Supervision

➤ S26 Appointed Supervisors overseeing multi-crew, multi-shift execution scopes in accordance with WA mining regulations

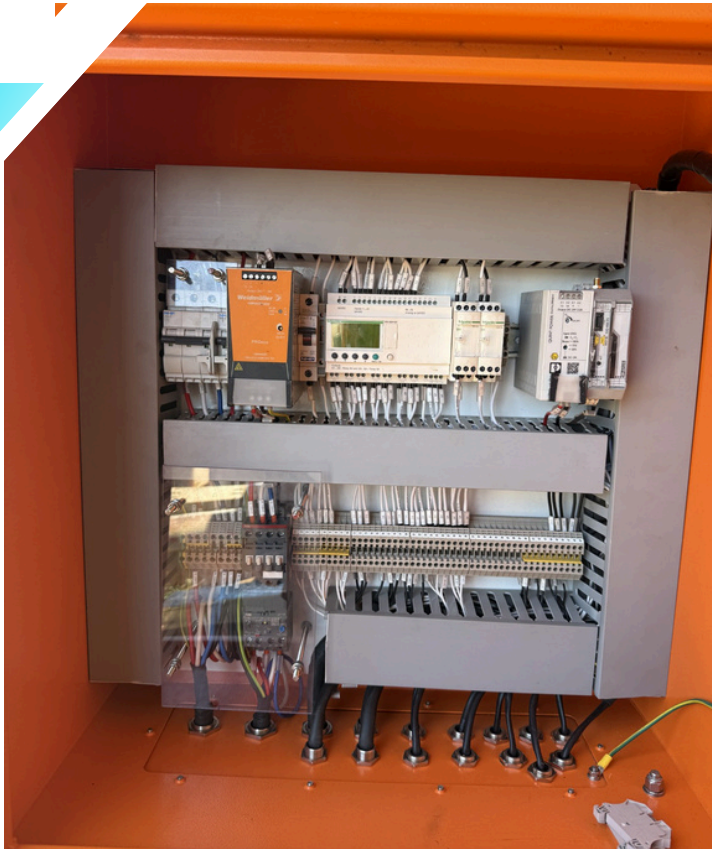
5 Commissioning

➤ FAT & SAT testing, PLC / control verification, structured QA/QC Documentation

6 Drafting and Engineering

➤ Design coordination, single line diagrams, control schematics and compliance documentation delivered through managed engineering partnerships

FMG Hydraulic Oil Tank Upgrade



The Scope

Independent Energy Systems were engaged to design, construct and commission an automated hydraulic oil control system for the RSM workshop at FMG. The scope included full control integration, instrumentation installation and commissioning within an operational industrial environment.

The project was delivered within live workshop conditions, with staged commissioning to minimise operational disruption.

Services Delivered

- Automated control of six pneumatic valves
- Supply, installation and commissioning of Vega radar level sensors
- Installation of remote tank monitoring with integrated density probes
- Design and fabrication of custom in-house control panel
- Design, supply and integration of radio signalling system to communicate with internal maintenance bays
- Development of control logic and integration of all field I/O

BHP MCC 861 Replacement



The Scope

Independent Energy Systems were engaged by Ventia to support the staged decommissioning and replacement of 6.6 kV MCC 861 at BHP Finucane Island.

Works were executed within a live operational plant environment, requiring controlled isolation, temporary generation supply and structured cutover sequencing to maintain continuity of critical equipment.

Delivered in accordance with BHP and Ventia shutdown and safety frameworks.

Services Delivered

- Provision of appointed S26 Electrical Supervision
- Deployment of experienced electrical personnel for HV/MV support works
- Testing and commissioning of control I/O in coordination with OEM vendors
- Structured multi-shift execution to meet shutdown program requirements

BHP Finucane Island VVVF Upgrade



The Scope

Independent Energy Systems were engaged by Ventia to support the staged decommissioning and replacement of a 6.6 kV VVVF drive and BHP Finucane Island.

Two 10-tonne VVVF drives were safely removed and installed within a constrained live environment with zero incident.

Delivered in accordance with BHP and Ventia shutdown and safety frameworks.

Services Delivered

- Provision of appointed S26 Electrical Supervision
- Execution of preworks scope
- Deployment of experienced electrical personnel for HV/MV support works
- Testing and commissioning of control I/O in coordination with OEM vendors
- Structured multi-shift execution to meet shutdown program requirements

Karratha New Build Solar Installations



The Scope

Independent Energy Systems were engaged by Thomas Building and Yurra Building to design, construct and commission a portfolio of residential rooftop solar systems across new housing developments in Karratha.

To date, over 20 systems have been delivered under structured installation and commissioning processes, ensuring compliance with Horizon Power requirements and regional installation standards.

Services Delivered

- Design, supply and installation of Fronius 5.0 Gen 24 Symo inverters paired with 6.6 kW of Suntech Bi Facial 440W panels.
- Integration and commissioning with Horizon Power network smart connect control modules
- Design certification and building permits for region D installation
- Setup and commissioning of online monitoring

Grid-Connect Battery Installations



The Scope

Independent Energy Systems is a trusted provider of solar PV and battery energy storage system (BESS) design and installation services, engaged by residents across the Pilbara region.

Services Delivered

- Design, supply and installation of Fronius 10.0 Gen 24 Symo inverters paired with 14.25kW of Suntech Bi Facial 440W panels.
- Installation of BESS units
- Integration and commissioning with Horizon Power network smart connect control modules
- Design certification and building permits for region D installation
- Setup and commissioning of online monitoring



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