





Greenfield Project Execution & Commissioning Support

For further information please go to: www.redskyenergy.co.uk



Greenfield Project Execution & Commissioning Support

Client: Major Energy Operator

Location: Asia, Europe, and Africa

Project Type: Greenfield Modular Build and Commissioning

Scope: End-to-end execution and commissioning of large-scale modular assets

Delivery Overview

A specialised technical delivery team was engaged to support the full lifecycle of a global greenfield development program. The scope included large-scale modular builds across three continents - Asia, Europe, and Africa - covering a range of units from 7,500 to 13,500 tonnes. The team's mandate encompassed design support, construction oversight, commissioning execution, transport readiness, and hook-up and commissioning (HUC) integration.

Modular Assets Delivered

- ❖ Accommodation Modules
- ❖ Gas Processing Facilities
- ❖ Wellhead Platforms
- ❖ Subsea Interfaces
- ❖ FPSO-Linked Infrastructure

The project demanded scalable coordination and precision commissioning across various complex assets and geographic regions.

Scope of Services - Commissioning & Execution Focus:

- ❖ Software integration and controls commissioning
- ❖ Functional start-up of key production systems, including:

- Gas
- Compression
- Condensate
- Power Generation
- Utilities

- ❖ Contractual Responsibilities - Development of a system completions framework
- ❖ Commissioning planning and field execution
- ❖ Functional testing and validation
- ❖ Punch list closure and support through client acceptance

Execution Highlights

❖ Multi-Vendor Delivery Without a MAC

Operating without a Main Automation Contractor (MAC), the team managed complex interfaces across multiple vendors, ensuring coordinated system delivery and integration.

❖ **Commissioning Work Package Methodology**

A structured, package-based approach to commissioning enabled clear workforce planning and traceability across systems and geographies.

❖ **Brownfield Transition Support**

Comprehensive handover planning and operational readiness support ensured a seamless transition from greenfield construction to brownfield integration and safe operations.

Key Outcomes

- ❖ Safe and compliant execution across global sites
- ❖ Zero disruption to live operations during handover
- ❖ Efficient management of complex vendor interfaces
- ❖ Demonstrated scalability across multi-region project delivery

Conclusion

These projects showcase the team's ability to deliver large, complex greenfield developments with global scope. Through robust completions planning, vendor coordination, and phased execution strategies, the team supported a smooth transition from construction to operations—reinforcing its capability to execute at scale across continents.



Thank you

For further information please go to: www.redskyenergy.co.uk

