ENERGY VOICE AFRICA · OFFSHORE

JCE Energy Delivers Modular Solar System for Chevron Angola Platform

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Aberdeen-based JCE Energy has developed and supplied a modular solar power system intended for deployment on a Chevron-operated platform offshore Angola. The project represents a concrete example of electrification technology being adapted for offshore oil and gas infrastructure in Sub-Saharan Africa, where operators are under increasing pressure to reduce emissions and fuel consumption on ageing production assets.

The modular nature of the system is significant for the offshore context. Platform space and weight constraints typically make large-scale power retrofits challenging, and modular solar configurations allow incremental deployment without major structural modifications to existing topsides. For Chevron's Angola operations — one of the largest deepwater producing portfolios in Sub-Saharan Africa — reducing reliance on diesel or gas-fired generation through supplementary renewables aligns with both cost management and emissions-reduction targets that international operators are now formally committed to.

Angola remains one of Norway's most strategically relevant markets in Sub-Saharan Africa for oil and gas service companies. The country is a major OPEC producer and hosts a dense concentration of offshore infrastructure, with Chevron, TotalEnergies, and bp among the major equity holders in producing blocks. Electrification and energy efficiency upgrades on existing platforms represent a growing service category as operators seek to extend field life while meeting environmental commitments — a trend that Norwegian service and technology companies are well

positioned to address given their domestic experience with offshore electrification on the Norwegian Continental Shelf.

The JCE Energy project, assembled in Aberdeen, also illustrates the continued role of the UK supply chain in servicing West African offshore assets. Norwegian companies should note that competition in this niche is active and coming from established UK-based independents with strong operator relationships in Angola. However, the broader trend toward offshore decarbonisation creates parallel opportunities in power management systems, energy storage integration, and grid optimisation for platforms — areas where Norwegian technology firms have demonstrated competency.

While the article does not specify contract value, system capacity, or the specific Chevron block involved, the deal signals that platform-level renewable integration in Angola is moving from concept to execution. Service companies monitoring Angola should track this as an early indicator of a procurement category that could scale across multiple platforms and potentially across other West African producers facing similar operational and regulatory pressures.

Why this matters to partners and clients of Saga

Norwegian technology and service companies with offshore electrification or power management capabilities should register Angola as an active procurement market for platform energy upgrades, not merely a future opportunity. Saga recommends monitoring Chevron and other Angola operators for follow-on tenders in solar integration, energy storage, and emissions-reduction retrofits. Companies should also consider partnership with UK supply chain actors already embedded in Angola's operator relationships.

PARTNER ANGLES

- **Service:** Norwegian power management and offshore electrification firms can position alongside or in competition with JCE Energy as Chevron and other Angola operators scale platform decarbonisation programmes.

- **Subsea/FPSO:** FPSO and platform topsides specialists should assess whether modular solar integration creates demand for structural or electrical systems modifications on Angola's ageing offshore fleet.
- **Drilling:** Drilling contractors operating in Angola may face similar emissions-reduction requirements on rigs, making modular renewable power an emerging procurement category worth tracking.
- **LNG:** LNG and gas processing facilities onshore Angola may represent the next frontier for modular solar integration as operators seek to reduce gas-to-power consumption across their full asset base.

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