ESG & SUSTAINABILITY

Measuring energy and emissions outcomes

Set a measurable baseline

Record the reporting period, site boundary, electricity consumption and fuel use before comparing options. Explain whether figures are measured, modelled or estimated, and retain the source data. Changes in site activity can affect comparisons.

Use the appropriate method

For an electricity emissions estimate, record the applicable factor, geography, reporting year and accounting method. Use the relevant Australian National Greenhouse Accounts guidance where appropriate. Keep grid electricity, fuels and other emissions categories distinguishable.

Report claims clearly

State what changed and over which period. A forecast reduction is not a verified operating result. Explain assumptions, exclusions and uncertainty beside the claim, and avoid presenting all alternative fuels as automatically low-emission.

Evidence checklist

Retain meter exports, invoices, calculation files, factor references and review dates. Agree who will validate a public claim and how performance will be checked after commissioning.

Sources and further reading

DCCEEW: National Greenhouse Accounts Factors

ACCC: environmental claims guidance

These resources are project assessment guidance, not a statement of audited Shakra Energy ESG performance, adopted corporate policies or certified environmental outcomes.

ESG & SUSTAINABILITY

Equipment lifecycle and end-of-life planning

Plan beyond commissioning

Compare service access, expected replacement needs, warranty exclusions and availability of spare parts as part of procurement. Identify who owns the equipment and who is responsible for eventual removal.

Ask for product-specific information

Request material and battery chemistry information where relevant, handling instructions and the manufacturer's documented recovery or disposal route. Ask whether any take-back arrangement covers the actual equipment, location and contract period.

Verify the recovery pathway

Obtain written scope and acceptance conditions from the proposed service provider. Include transport, decommissioning and treatment costs in the plan. Do not describe a product as fully recyclable merely because a component has a potential recycling route.

Keep an asset record

Maintain equipment identifiers, service history, warranty records and end-of-life contacts. Review the plan when equipment is replaced or the site changes ownership. This guide does not assert that a Shakra take-back programme is currently in place.

Sources and further reading

ACCC: environmental and sustainability claims

Discuss project requirements

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ESG & SUSTAINABILITY

Supplier, safety and governance due diligence

Define the evidence required

Request the supplier's identity, relevant product documents, warranty terms and service responsibilities. Check that certificates relate to the exact model and intended market rather than relying on a general company brochure.

Include people and site responsibilities

Identify site access arrangements, contractor coordination, worker competency requirements and incident escalation routes in the project brief. Ask suppliers how they manage labour and sourcing risks and what evidence supports their answers.

Assign review and approval

Record who approves specifications, supplier substitutions and public claims. Keep a dated decision record and make exceptions explicit. Project requirements should be agreed in writing before being represented as commitments.

Separate guidance from policy

This checklist helps customers frame procurement questions. It is not a supplier code of conduct, safety certification, modern slavery statement or claim that Shakra has completed an independent ESG audit.

Sources and further reading

ACCC: substantiating environmental claims

Contact Shakra Energy

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