CASE STUDIES

Brisbane Airport: solar across an operating precinct

Project context

Brisbane Airport appears in the Shakra Energy project portfolio. Airport solar requires coordination across buildings, operating hours and access restrictions. This brief separates the airport operator's public programme information from the scope of any individual supplier.

Publicly documented programme

In its renewable energy announcement, Brisbane Airport described an existing 6 MW solar system and a planned further 5 MW. These are different stages of the airport programme; the combined figure must not be presented as a single completed Shakra installation. The airport later reported additional rooftop expansion in July 2025.

Planning a comparable project

Start with a building-by-building load and roof assessment. Record access windows, structural constraints, connection points and operational restrictions. Agree who owns the metering, commissioning and maintenance records before delivery.

Evidence to request

Ask for the specific contract scope, commissioning date, installed capacity and measured generation for the project stage being discussed. Airport-wide figures do not establish an individual contractor's contribution.

Sources and further reading

Airport operator announcement

Airport expansion update, July 2025

Shakra project reference

These project briefs describe documented portfolio references. They do not claim measured savings, verified emissions reductions or an independently confirmed delivery scope.

CASE STUDIES

Buranda: solar carport project reference

Project context

The Shakra Energy portfolio lists a solar carport project at Buranda, Queensland. A carport integrates generation with a parking structure, making the parking layout and structural design part of the energy project.

Planning considerations

For a comparable site, assess vehicle clearance, accessible parking, pedestrian routes, drainage and underground services alongside solar exposure. Review construction access so the proposed works account for ongoing site operations.

Commercial assessment

Compare expected generation with the site's electricity consumption and export conditions. Include the canopy, foundations and electrical connection in the assessment rather than treating a carport as an ordinary rooftop installation.

Evidence and boundaries

The published project reference does not establish a verified capacity, completion date, cost saving or carbon result. No such figure is claimed here. Request project-specific records when assessing relevant experience.

Sources and further reading

Buranda project reference

Solar carport planning

These project briefs describe documented portfolio references. They do not claim measured savings, verified emissions reductions or an independently confirmed delivery scope.

CASE STUDIES

Commbank: commercial solar project reference

Project context

Commbank Solar Project is listed in Shakra Energy's existing commercial solar portfolio. This brief provides a starting point for enquiries about commercial premises; it does not identify an unverified installation size or financial outcome.

Questions for a comparable site

Confirm the premises, roof condition, lease arrangements and electricity account before developing a scope. Review daytime consumption, roof access and planned changes to business operations.

Handover and performance

A useful handover pack should identify the installed equipment, commissioning checks, monitoring access and maintenance responsibilities. Compare measured generation against a documented baseline before making savings claims.

Evidence and boundaries

The current public record does not substantiate Shakra's precise contract scope, installed capacity or measured results. Those details need project records before this reference can support a quantified case study.

Sources and further reading

Commbank project reference

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