CASE STUDY

La Parada Emperor's Palace, Johannesburg

Enspara

Casual dining restaurant, bar and guest area. Johannesburg, South Africa.

40%
Energy cost saving for the whole site
Reported

51.7%
Less electricity for the walk-in freezer
Measured

62.8%
Cool room
Estimated, not measured

Figures from named sites, before solar. Results vary by site.

Before and after, with the proof label for each line

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MEASURE	BEFORE	AFTER	PROOF LABEL
Whole-site energy cost	Baseline energy cost	Reported 40% saving	Reported
Walk-in freezer	Baseline, before PCM thermal storage	51.7% less electricity	Measured
Cool room	Baseline, before PCM thermal storage	62.8% less electricity	Estimated, from the duty cycle

The freezer figure is measured and the cool-room figure is estimated. They are reported separately and are never added together or averaged into a single refrigeration number. Where the record publishes no before-and-after pair, the before column names the baseline condition rather than a figure.

Measurement methodology

The whole-site saving is reported by the project record and has not been independently verified. The walk-in freezer figure is measured: it compares daily totals from the metering dashboard across equal 24-hour windows before and after the thermal storage was fitted. The cool-room figure is an engineering estimate: the dashboard did not return usable consumption for that circuit, so the saving was estimated from the duty cycle rather than metered. That is why it is labelled estimated everywhere it appears.

How comparable work is funded

This project predates the structure. Comparable work today needs no upfront capital: a Finance Partner funds approved projects and you repay it from the saving. Any finance solution is provided under a separate customer agreement with a Finance Partner and remains subject to credit approval.

How the funding works

What sits behind these numbers

Two records sit behind this page: our team's project record for the site and its phase-change material thermal storage record. The whole-site saving is reported by the project record and is not independently verified. The freezer figure comes from dashboard totals. The cool-room figure is an engineering estimate, not a measurement. The two refrigeration figures are never combined. No dollar figure from these records is published, because the records do not state their currency.

Results for another site will differ.

Delivered by the Enspara team, before Enspara was founded in 2026.