CASE STUDY

Sherwood KFC, Durban

Enspara

Quick service restaurant, standalone drive-through. Durban, South Africa. Delivered in 2021.

45%
Energy cost saving for the whole store
Reported, 2021 project report

322 kWh
Less electricity a day, from 845 to 524 kWh, before solar
Measured, bill analysis

25%
Lower water bill with SmartValve control
Measured, bill

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

Before and after, with the proof label for each line

Sherwood KFC, Durban. All figures before solar.

MEASURE	BEFORE	AFTER	PROOF LABEL
Daily electricity, whole store	845 kWh a day	524 kWh a day, 322 kWh a day less	Measured, bill analysis
Whole-store energy cost	Baseline energy cost	Reported 45% saving	Reported, 2021 project report
Electricity bill	Baseline bill	42% saving	Measured, bill analysis
Kitchen exhaust	Baseline, before demand control	63% reduction with humidity and variable-speed demand control	Measured, interval data
Hot water	Baseline, before the heat-pump system	77% reduction with a heat-pump system, storage tank and smart booster control	Measured, monitored
Air conditioning	Baseline, before multi-sensor control	13% reduction from multi-sensor control and scheduled overnight shutdown, with manual override	Measured
Water	Baseline water bill	Water bill down 25% with SmartValve control	Measured, bill

The energy cost figure and the bill figure are different metrics and are never collapsed into one number. Where the record publishes no before-and-after pair for a system, the before column names the baseline condition rather than a figure.

Measurement methodology

The 45% energy cost saving is from the 2021 project report. The daily electricity pair and the bill saving come from the bills before and after the work. The system-level figures come from interval data on the affected circuits.

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

The record behind this page is the 2021 Sherwood project report and its bill analysis. The whole-store energy cost saving is reported by that record and has not been independently verified. The daily electricity pair and the bill saving come from the bill analysis. The system-level figures come from interval data. Every figure excludes solar. No dollar figure from this record is published: the record does not state its currency consistently.

Results for another site will differ.

Delivered by the Enspara team in 2021, before Enspara was founded in 2026.