SimpleActions
Cut utility waste. Increase property profit.

CUSTOMER OUTCOME | CASE STUDY

CASE STUDY 08 · QSR / FOOD PRODUCTION

A national QSR's production facility posted 30% bottom-line and 36% peak-demand savings.

Individual on/off tests across the rooftop HVAC and refrigeration showed per-unit savings of **30%, 33% and 29%**. Aggregated over a one-month window: 30% bottom-line bill savings and a **36% cut in peak demand** — the headline number on any demand-billed tariff.

BOTTOM-LINE BILL SAVINGS

−30%

Aggregated across the facility over a one-month verification window.

PEAK DEMAND REDUCTION

−36%

Directly reduces utility demand charges — with a 9-month breakeven on capital.

FACILITY	LOAD	DEVICE	TEST WINDOW	VERIFICATION
FL production facility	HVAC compressors, refrigeration	Multiple rooftop HVAC + BoH refrig	One-month verification	Per-unit on/off tests

KEY MEASUREMENTS — FIELD-VERIFIED RESULTS

BOTTOM-LINE BILL

−30%	30 / 33 / 29%
one-month aggregate	per-unit savings

Varies by unit and time-of-day.

PEAK DEMAND & PAYBACK

−36%	9 mo
peak demand cut	breakeven ROI

Headline number on a demand-billed tariff.

What Changed

QSR economics are demand-charge sensitive — so the **36% peak-demand cut** is the number that matters most. Individual on/off tests on each rooftop HVAC and refrigeration unit confirmed the per-unit savings before they were aggregated to the facility bill.

HOW IT WAS MEASURED

Across multiple HVAC units at the production facility, individual on/off tests measured energy consumption per unit and time-of-day, then were aggregated across a one-month verification window to the facility bill (bottom-line and peak demand).

DEMAND-CHARGE IMPACT

−36%

— peak demand, the costliest line on a demand-billed tariff.

Bottom-line bill	−30%
Peak demand	−36%
Per-unit range	29–33%
Breakeven payback	9 mo

"On a demand-billed tariff the 36% peak cut is the line that moves — we watched it on the meter unit by unit."

REPRESENTATIVE OUTCOME · QSR / FOOD PRODUCTION · NAME REDACTED UNDER NDA

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