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Cut utility waste. Increase property profit.

CUSTOMER OUTCOME | CASE STUDY

CASE STUDY 01 · SPORTS & ENTERTAINMENT

Two weeks off. Two weeks on. Power factor climbed to 0.985 — even on game day.

Two EnePro modules on the arena's 24/7 commissary refrigeration panel pulled **amperage down 14.4%** and peak demand down 11.1% — translated savings of **more than 12%** of the affected bill segment, with zero disruption to operations.

POWER FACTOR LIFT

0.904 → 0.985

Four-week average across the commissary refrigeration loads — measured higher under game-day load.

AMPERAGE DRAW

−14.4%

Peak kW demand fell 11.1% in the same window, cutting the costliest part of the bill.

FACILITY	LOAD	DEVICE	PANEL	VERIFICATION
NBA arena — 875,000 sq ft	Walk-in refrigeration, 24-hr	EnePro modules × 2	480V · 3-phase	On-site witnessed test

KEY MEASUREMENTS — FIELD-VERIFIED RESULTS

POWER FACTOR · 4-WEEK AVG

BEFORE **0.904** → AFTER **0.985**

Higher game-day load during the enabled weeks — every pillar still improved.

PF LIFT

DRAW & DEMAND

−14.4% amperage draw

−11.1% peak kW demand

vs. the EnePro-disabled weeks, same circuit.

What Changed

The modules sit on the breaker panel feeding the commissary's constant, high-amperage refrigeration loads. A four-week test ran **two weeks disabled, two weeks enabled** on the same circuit — so the comparison isolates the device, not the weather or the schedule.

HOW IT WAS MEASURED

An Acuvim-IIR power-quality analyzer logged amperage, kW and power factor continuously across 14 days off / 14 days on, witnessed by the arena's own engineering team. Game-day load actually rose during the enabled weeks, so the measured gains are conservative.

BILL-SEGMENT IMPACT

12%+

— of the affected refrigeration bill segment, on a single panel.

Power factor	0.904 → 0.985
Amperage draw	−14.4%
Peak kW demand	−11.1%
Affected bill segment	**12%+ saved**

"Two weeks off, two weeks on, same circuit — the refrigeration just kept drawing less, even when the building was full."

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