

CASE STUDY — Pubs & Hospitality (U.K.)

10.4% average energy reduction across a 30-site pub & hospitality estate

INTRODUCTION

Two leading U.K. pub and hospitality operators deployed enPact FilterPro and enPact Refrigeration & Cooling across a combined estate of 30 sites. Performance was independently verified using metered annual consumption data, with all installations completed at zero disruption to trading.

SOLUTION

enPact FilterPro & Refrigeration & Cooling
Each site deployed two complementary patented technologies targeting different parts of the electrical system:

enPact FilterPro improves power quality and alignment, reducing non-productive electrical load on motors, compressors and building circuits.

enPact Refrigeration & Cooling enhances heat transfer, reduces compressor run-time and stabilises temperatures across all refrigeration assets.

CHALLENGE

- High and rising electricity costs across a geographically dispersed estate of mixed-format venues
- Significant refrigeration, kitchen and HVAC demand at every site, running 24/7 regardless of trading patterns
- Inconsistent building profiles making estate-wide performance difficult to compare and benchmark
- Need for transparent, metered savings verification before committing to wider estate deployment

RESULTS: VERIFIED 30-SITE ESTATE PERFORMANCE

The combined deployment of enPact FilterPro and Refrigeration & Cooling across 30 pub and hospitality sites delivered measurable and consistent reductions in electricity use across the entire estate.

With a portfolio-wide saving of over £158,000 annually, an average reduction of 10.4% per site, and full cost recovery in under 12 months on average, the technology has demonstrated strong and repeatable performance across a mix of pubs, bars, hotel-style venues and branded hospitality concepts.

Key Outcomes

- All 30 locations delivered positive, verified reductions in electricity consumption
- Strongest savings at sites with higher refrigeration and kitchen loads
- Technology performed consistently across pubs, bars and hotel-style venues
- Proven model for wider rollout — scalable across any estate size

Metric	Result
Number of Sites	3000.00%
Type of Client	Pubs & Bars, Hotels, Hospitality
Product Installed	enPact FilterPro + Refrigeration & Cooling
Total Annual kWh Savings	444,100+ kWh
Total Annual Financial Saving	~£158,172
Average Saving Per Site	10.40%
Highest Verified Saving	20.60%
Average Payback Period	~10 months

CONCLUSION

The 30-site rollout of enPact FilterPro and Refrigeration & Cooling across two leading pub and hospitality operators delivered a proven, measurable reduction in electricity use. With an average saving of 10.4% per site, over £158,000 saved annually, and full cost recovery in under 12 months, the technology has demonstrated strong and repeatable performance across every venue type.

SCALABILITY INSIGHT

With 30 sites verified, the opportunity for full-estate deployment across both operators is significant:

- Operator A
-800 sites
£4.2m/yr potential
- Operator B
-1,400 sites
£7.4m/yr potential

Combined estate potential:
£11.6m per year | ~2,170 remaining sites

INTERESTED IN ACHIEVING SIMILAR SAVINGS ACROSS YOUR ESTATE?

Get in touch to discuss validated energy-reduction opportunities and multi-site rollout potential.

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