

ENERGY SYNERGY®

DELIVERING BUILDINGS THAT PERFORM
- FOR A FUTURE THAT DEMANDS MORE



THE PERFORMANCE CHALLENGE

“How do you ensure the buildings you deliver are truly efficient, future-ready, and cost-effective?”

THE PROBLEM:

THE PERFORMANCE GAP

- Many buildings underperform against their energy design targets
- Industry research shows real-world usage is **34% above predictions** on average

Causes include:

- Design assumptions vs reality (e.g. equipment specification, power demand etc.)
- Building user behaviours - how users interact with and operate building systems in practice
- Building commissioning processes - testing, adjustment, and verification procedures

THE SOLUTION:

Energy Synergy® is designed to close this gap and ensure buildings perform as intended or even better. Our proprietary service helps customers to optimise performance and comfort while unlocking cost and carbon savings from new and existing buildings.

WHAT IS ENERGY SYNERGY®

A three-year, expert-led performance service that closes the gap between design and reality.

- / **Tracks actual in-use energy performance**, not just handover compliance
- / **Uses real-time data from the customer's Building Management System (BMS)** and compares it with design-stage predictions to identify optimisations and address inefficiencies
- / **Delivers savings on energy, carbon, and costs**
- / **Integrates seamlessly with customer teams and systems**; it's not here to replace or duplicate
- / **Ideal for either new build or existing non-domestic buildings**, plus centrally managed residential facilities such as student accommodation

HOW IT WORKS



- / **Utilises the customer's specified meters and existing BMS** for data integration
- / **Compatible with existing systems** and you retain complete control over the data gathered. We have worked with blue light and defence customers, meeting all data security requirements
- / **Monthly reporting and interrogation of data** through our online dashboard
- / **Expert-backed analysis of actual performance** identifies issues, trends and optimisation opportunities over three years from handover

TOP BENEFITS

- **Proven performance;** resulting in cost, energy and carbon savings
- **Experienced delivery;** 50+ Energy Synergy® projects across a range of sectors including blue light, defence, education, healthcare and leisure
- **Easy to use;** A clear, intuitive dashboard gives customer teams the data they need
- **Expert support;** Training, monitoring, and recommendations to keep performance on track
- **Built for compliance;** Designed to support current and emerging standards
- **Smart investment;** cuts costs, hits sustainability goals, and pays back in under two years on average. We share costs with customers who only pay for dashboard licensing (c£15k over three years), while we cover the support and analysis

PROVEN IMPACT

RECORDED SAVINGS (AS OF AUGUST 2025)



50+ Energy Synergy®
projects delivered



1.9 GWh
of energy saved



15% energy savings
on average



385 tonnes
of CO₂e avoided



£460,000+
saved by customers to date



2 years
typical payback

NEXT STEPS

For more information, visit:
www.willmottdixon.co.uk/energysynergy

If you are interested in finding out more about how this could apply to your own projects, the Energy Synergy® team would be happy to arrange a tailored consultation.

Speak to Tom or Doug to discuss this further:

Energy Synergy® Service Lead: Tom Roberts
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