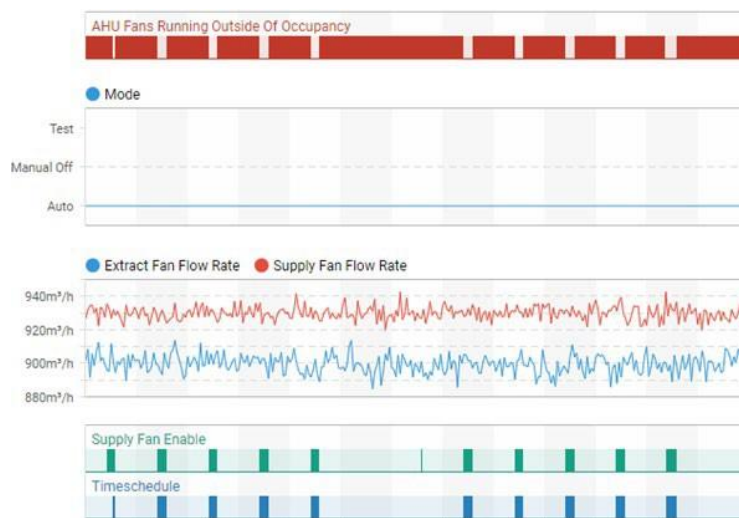




# Implementing a BMS Analytics package

London, UK



*“We are excited to be working with ABM to deliver Sky Sparks to this client. The results of implementing an analytics package like this speak for themselves, and we’re proud to share the savings and efficiencies we’ve found in this building.”, Youssef Ismail- Searle*

ABM worked with Building Management System (BMS) partner, Kendra Energy Solutions, to implement an analytics system that would report and summarise issues or inefficiencies across the client’s large portfolio of buildings in London.

## CHALLENGE

The client has an interest in smart buildings and technology, meaning that they would require a forward-thinking analytics package. The BMS system needed to be efficient enough to spot trends in data and highlight anomalies, which can be translated to jobs to implement small, incremental changes and fix things before they are noticeable. This reactive and responsive technology can result in significant energy and financial savings.

## SOLUTION

ABM worked with Kendra to install their PROActiv Energy solution. The system produces a report that tells the client where there are inefficiencies and summarises resolved issues, making recommendations on where to make improvements to reduce costs. Adding real-life data to the report makes the issues (and how they can be improved) very clear.

The reports are completely bespoke for each property and go into granular detail that presents opportunities for cost savings, for example;

- Resolving issues with gas and electricity meters in order to measure energy impacts more accurately.
- Investigating units that run overnight to potentially save on excess energy usage and costs per year.

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Working closely with both the client and Kendra allowed the installation to go smoothly, and full training meant that users understood the system and were best placed to interpret the results.

## **BENEFITS**

- The savings created by the system, and the speed that they are discovered (not waiting for a six-month service when the problem could have been present for months) is the real benefit of adding this type of technology to a building.
- The system has already prevented the excess use of 21,580 kWh/yr, equating to a financial saving of £3,984.
- The system has recognised a number of issues that, if fixed, will save the client 250,718kWh/year which financially equates to £45,129.

\*1 – Figures are based on potential use and a presumed electricity charge/rate.