

Ink specialist enjoys real-time energy insight

FUJIFILM installed 22 sensors at its UK manufacturing site to drive energy efficiency and fund continued product innovation.



Device-level insight into energy use

FUJIFILM Speciality Ink Systems is a global leader in the development and manufacture of UV inkjet inks for wide format and other printing sectors. Continuously finding ways to improve efficiency in its operations enables the company to remain competitive and to invest in the development of future technology.

Driving operational efficiency

FUJIFILM wanted to drive energy efficiency across its UK manufacturing site, but needed expert insight to support meaningful action.

Centrica Business Solutions began by installing 22 sensors at the facility in Broadstairs, Kent. The wireless, self-powered sensors monitored the flow of electricity and delivered energy information to an online analytics platform. The data would be analysed after a six-week Proof of Concept.

The Energy Insights solution, Panoramic Power, has been created to improve operational efficiency, uncover new growth opportunities and reduce business risk.

The results

Within six weeks the Energy Insights solution had unearthed two major issues. It discovered a fault with the air compressor units which was causing them to run over the weekend while the site wasn't operational. This was costing £330/weekend – an annual saving of £17,000.

Secondly, specific chillers on the ink production line were also kept running after production stopped. By optimising these chillers and looking into operational efficiency, FUJIFILM achieved a saving of £26,000 per annum.

The payback period for the investment in Energy Insights was three weeks. Centrica Business Solutions has since been invited to extend the solution to FUJIFILM's customer site in South Africa. FUJIFILM is also looking to extend energy monitoring to other UK sites.



Real-time energy data



Solution cost 5% of the total savings



Return on investment within three weeks



We wanted to understand our energy consumption at a granular level. Centrica Business Solutions is a leader in this field and the initial project has immediately provided substantial cost savings. We now plan to roll-out this solution to our international sites.”

Adam Batting, Operations Director,
FUJIFILM Speciality Ink Systems

Why Centrica Business Solutions?

- Provides real-time data from energy-using equipment to a cloud-based analytics platform, PowerRadar
- Market leader in providing businesses with Energy Insights
- Technology and professional expertise helped FUJIFILM to improve operational efficiency
- Built an actionable, effective energy strategy together with FUJIFILM
- Helped to improve the reliability of onsite assets, reducing risk