



CASE STUDY: RHI Meter Replacement for a Large-Scale Food Production Facility

Sector: Food Manufacturing

Location: United Kingdom

Solution Provided: Supercal 5 Heat Meters



Overview

A major UK-based food processing site required a compliant and future-proof heat metering solution to replace aging equipment installed under the Renewable Heat Incentive (RHI) scheme. The replacement had to meet current regulatory standards while maintaining reliability and precision in a demanding industrial environment.

Project Requirements

- Replacement of legacy RHI-compliant heat meters
- Meters suitable for high-volume biomass or renewable heating systems
- Accurate and stable energy readings for compliance and performance monitoring
- Long-term reliability in a high-demand production environment
- Minimal operational disruption during installation

DMS Solution

Sontex Supercal 5 Heat Meters

- Designed specifically for heat and cooling metering in industrial applications

- MID approved and RHI-compliant
- Modular design allows for flexible output options (M-Bus, pulse, analog, more)
- Highly accurate over a wide flow and temperature range
- Compatible with various system configurations and sensor types
- Durable build, suited for continuous operation in high-load environments

To support the installation, DMS also supplied matched temperature sensors, pockets, and installation accessories, ensuring a seamless replacement process.

Results

- Fully compliant RHI replacement metering, maintaining eligibility
- Improved data accuracy and system visibility
- Robust, low-maintenance performance in a 24/7 production setting
- Smooth transition with minimal system downtime.

Why Choose DMS?

With more than 25 years of industry experience and as the exclusive UK partner for Sontex, DMS is trusted to deliver reliable metering solutions that meet both performance and compliance standards- especially for critical infrastructure such as industrial food production.