



Project Details

CLIENT: Independent Tea Factory

TASK: LiveEye Energy Management Platform & Energy Monitoring

The Background

Cura Energy's LiveEye advanced energy management platform has enabled an award-winning speciality tea producer to gain detailed, real-time visibility of its factory energy consumption. This has helped to identify areas of energy wastage and support ongoing operational efficiency improvements.

Our client's objective was to better understand energy usage within their blending factory, particularly across the various processing, manufacturing and packaging lines. Energy consumption from site heating and lighting systems was also within scope. The factory had no existing energy sub-metering infrastructure in place to support detailed analysis, performance monitoring or identification of improvement opportunities.

The Cura Energy Approach

Cura Energy carried out a detailed site survey to establish the scope for submetering across the different processes and operational areas within the factory.

An energy monitoring solution was then supplied, installed and commissioned to meet the client's requirements. All data was integrated into the LiveEye platform to provide direct visibility of granular energy consumption data across the site.

As part of the solution, automated alarms and actions were configured to notify our client of excessive or unexpected energy consumption. This enabled faster identification and response to potential issues.

The Result

Following analysis of the sub-metering data, it was identified that some plant and equipment was being left operating during out-of-hours periods, creating unnecessary energy consumption. This delivered:

- Immediate identification of avoidable energy wastage across the factory.
- Quick-win operational improvements through revised working practices.
- Greater visibility of energy consumption across manufacturing processes.
- Ability to trial and compare different plant operating methods.
- Real-time visibility of resulting energy savings through the LiveEye platform.

Contact Us

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