

**ALERA**

Knowledge is Power

CASE STUDY

# IDENTIFYING PERFORMANCE ISSUES

See how Alera was used to identify issues with plant construction and performance to save one cent over £50,000 per annum in lost revenue.

## THE PROBLEM

Our customer's Anaerobic Digestion plant was built in 2015 and began full operation in 2016. It soon became clear that the disparate and separate systems supplied coupled with a lack of effective centralised monitoring was causing operational and performance issues.

We began the installation of Alera in 2016 and gradually increased the amount of the plant covered by automatic sensor and meter readings over the year.

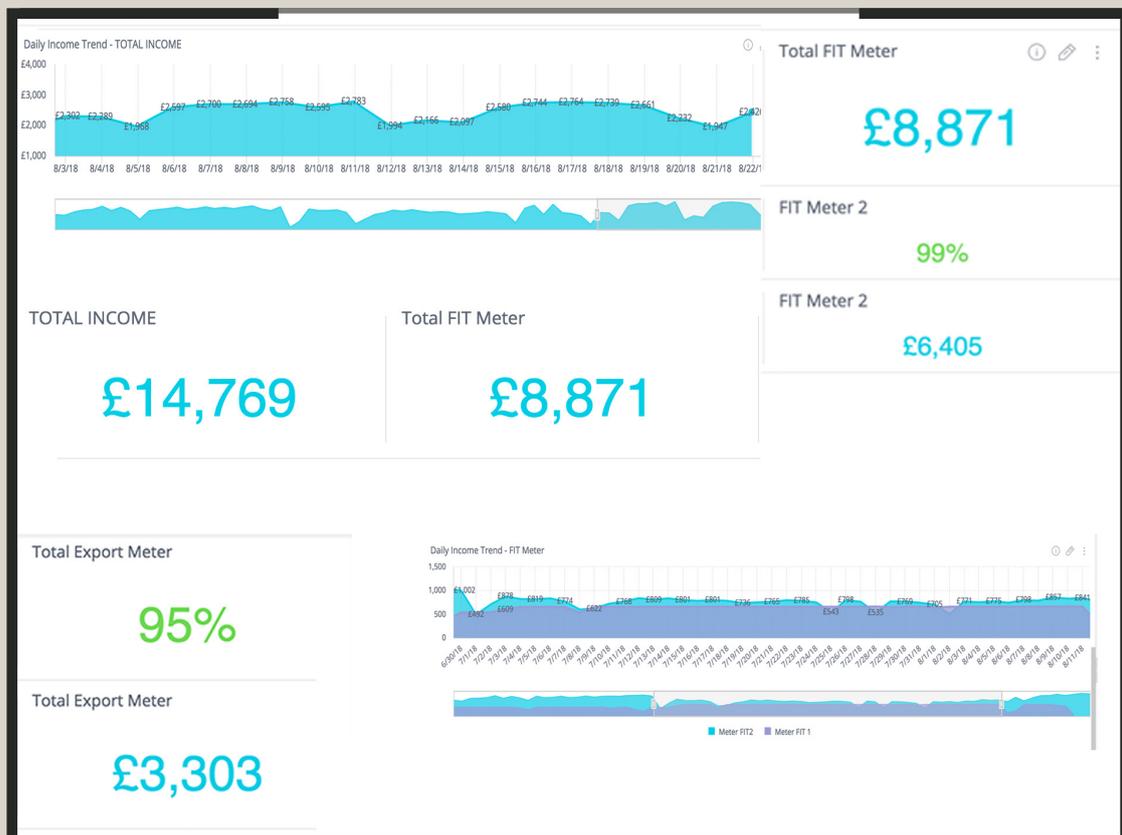
With this information now flowing into Alera for analysis it quickly became clear that there was a discrepancy between the generated output and the expected output.

This meant that the customer was losing out on a substantial portion of revenue.

## THE SOLUTION

By analysing the generation and output data in depth and comparing the two installed engines the operators identified that the issue was caused by an incorrect electrical installation in a distribution cabinet. This meant that the customer was under reporting its generation and losing out of revenue.

The incorrect installation was rectified and the issue was resolved. The positive result was immediately visible from the data flowing into Alera so the fix could be shown to have worked.



## THE BENEFITS

**IMPROVED VISIBILITY  
IDENTIFIED ERRORS  
INCREASED REVENUE**

01

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### Improved Visibility

By having the data on all aspects of the plant available for analysis meant that management and operators were easily and quickly able to identify anomalies in data from multiple sources that was not possible before.

02

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### Error Monitoring

Using Alera meant that error data could be easily, quickly and widely shared among stakeholders to ensure a suitable improvement plan was put in place.

03

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### £50k increase a year

The rectification of the issue increased revenue by £50,000 per year. With the economic life of the plant expected to be over 20 years, this annual saving adds up to a lifetime increase of £1m in revenue.

**Contact us to find out how Alera unlocks the power of your data**

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