

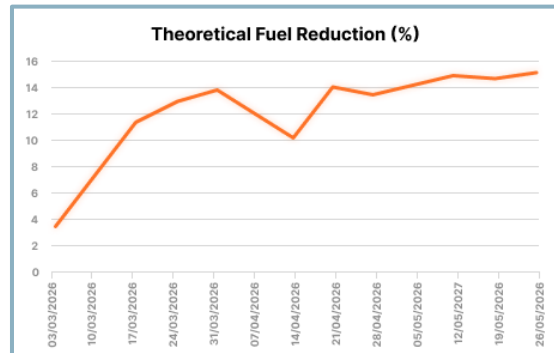
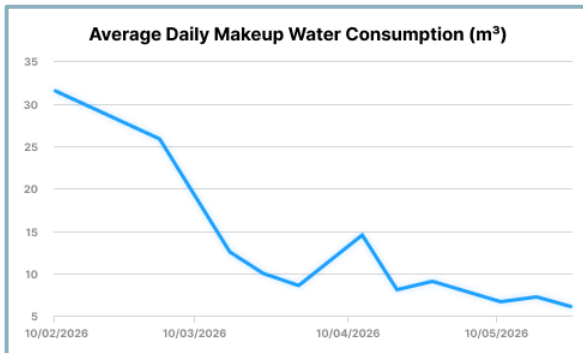


**THERMAL IMPACT
GROUP LTD**
STEAM SPECIALISTS

This case study was carried out at:
A Bottling Plant
Located in Scotland

Study

Thermal Impact Group carried out a trial of the energy efficient Cetamine Boiler Water Treatment at a large bottling plant in Scotland. Makeup water figures were recorded daily and compared to a pre-trial average. The reduction in makeup water consumption was then used to calculate the concurrent theoretical* fuel reduction. The results are illustrated below:



* **Official figures cited by the Carbon Trust state that:** for every 1% saving in blowdown/makeup water consumption, there is a corresponding saving in fuel of 0.19% on a boiler operating at 8 bar.

Results

Daily Reduction

25.5m³

Reduction in daily makeup water consumption.

Makeup Water Reduction

80%

Overall reduction in daily makeup water consumption.

Theoretical Fuel Reduction

15.2%

According to Carbon Trust figures.

Cost of Treatment

Less Than Existing Treatment

Following 3 month trial customer switched supply to Cetamine permanently.