



A LARGE UK-BASED WATER UTILITY SWITCHED TO RESULTS

Over 8% energy savings achieved over 12 months.

The Need:

- To bring down escalating consumer bills and encourage delivery of high-value water services.
- To promote energy efficiency through better visibility and control on energy consumption, enhanced data value and an effective asset management program.
- To engage a strategic business partner to help reduce the overall energy spend and make well informed Totex decisions.



Over 515 Mn kWh/year | **1.1 Bn m³**
Consumption per year of sewage flow
Wastewater treatment works

ANALYZE

A cluster-wide approach of looking at 20% of the sites to generate **80%** of targeted benefits

The Solution:

- Energy Management through Big Data and advanced analytics.
- Asset Lifecycle Management.
- Continuous monitoring and reporting to safeguard compliance and quality.

ACHIEVE

The Results:

- Helped achieve more than 8% energy savings over 12 months.
- Implemented 30-plus Operational Energy Conservation Measures that resulted in optimization of site operations.

2,391 tCO₂e
CO₂ emission reduction
Over 68,000
data records processed per day

The Future:

- Extension of energy optimization services to the clean water segment.
- Service extension to include majority of the wastewater treatment sites, including some of the largest in the UK.

ACCELERATE

