



Summary



Industry:	Utilities
Application:	Digester gearbox
Actual Saving:	£Undisclosed
Payback Period:	Undisclosed



Improved energy efficiency for Wastewater customer

ERIKS redesign drive for improved efficiency and reduced maintenance

ISSUE

A large Wastewater customer had failed obsolete aged chain drive worm gearboxes on top of their digester tanks. These failures caused loss of process capacity in the site CHP meaning increased costs relating to energy and the process.

SOLUTION

ERIKS Gearbox Application Engineers redesigned the complete drive system with a planetary gearbox to comply with ATEX regulations. The new system is approximately 40% more energy efficient and requires significantly less maintenance.

OTHER BENEFITS

- Improved gearbox efficiency
- Reduction in energy usage
- Risk reducing ATEX compliance
- Reduced maintenance time and costs

FURTHER COMMENTS...

The customer was extremely pleased with the redesign and the improved energy efficiency.

MORE INFORMATION

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