

Summary

Industry:	Metals
Application:	Cooled Water Feed Pumps
Actual Saving:	£Reduction in energy
Payback Period:	



Energy Efficient Solution Designs Out Obsolete Pumps

New pumps added to a specified material to run at a fixed speed.

ISSUE

The current installed pumps were approx 50 years old and had been obsolete for the last 25 years. They had also tried an off the shelf vertical multistage pump, that was not up to dealing with "steel mill process water" and failed within a matter of months. The original pumps were oversized and thus wasted energy.

SOLUTION

ERIKS carried out a full system review to determine the actual duty point. We agreed with the client the pump material specification. We then selected new pumps, initially they are to run at a fixed speed, however, we also suggested that the pumps should be fitted with inverters and a pressure transducer to optimise energy efficiency. The clients intention is to retro-fit this solution in the very near future.

OTHER BENEFITS

- The client has further opportunities to reduce the energy consumption on these machines.

FURTHER COMMENTS...

Demonstrates ERIKS ability to specify a full solution not just a pump.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

know-how makes the difference

ERIKS