



Summary



Industry:	Food - Bakery & Cereals
Application:	Cooling Water
Actual Saving:	£10,085
Payback Period:	0.3 Years



ERIKS provide a cost and energy efficient solution

Replacement rather than repair offered the customer increased energy efficiency

ISSUE

The current pumps the customer used were close to the end of their lifetime with the changes getting more and more frequent. There was also an opportunity to upgrade the pumps as they were obsolete.

ERIKS' relationship with Grundfos on this particular type of pump was of use to the customer. One of Grundfos' Technical Engineers specified an alternative which would deliver a purchase price saving and an associated energy saving with a more efficient replacement.

SOLUTION

There was an alternative Grundfos pump readily available. The average price of the current unit was £4638. The Grundfos version was £1477 and on top of that the model was more energy efficient. This delivered a price saving of £3161 per pump.

Because of this the customer decided it was more cost effective to replace the existing pumps rather than repairing the obsolete version.

The Grundfos pumps are 2.2kW as they are more efficient than the current pump at 7.5kW. The annual kW saving over both pumps is 92,856KW. Based on a customer p/kW of £0.0437 this equates to £4058.

OTHER BENEFITS

- Cost effective
- Increased reliability
- Obsolescence rectified
- Energy efficiency

FURTHER COMMENTS...

The customer now has a more efficient and reliable chilled water pump configuration which has the added benefit of driving out obsolescence. This is a proven solution which can be replicated elsewhere in the plant.

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MORE INFORMATION

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