



Summary

Industry:	Petrochemical
Application:	Energy saving on cooling water circuits
Actual Saving:	£22,000 per year
Payback Period:	n/a

Energy savings advice

ERIKS simple changes deliver significant savings

ISSUE

A plastic pipe manufacturer currently has six no. SPP end suction centrifugal pumps installed on site and used on three different water applications. The pumps are installed on a duty/standby arrangement and run continuously at full load.

SOLUTION

As the pumps are run continuously at full load, installing variable speed drives would only offer a benefit on starting and not offer a substantial cost saving.

However when ERIKS Application Engineers visited the customers site they discovered that the pumps are left to run at full load all week and even on weekends when no production is being carried out. ERIKS advised that by either switching the pumps off manually at the end of a working week or installing a timer circuit into the existing control panels the customer would realise significant cost savings.

OTHER BENEFITS

- The combined usage from 3 motors running is 112kw per hour and switching these units off over a weekend would offer a cost saving of £22,000 per year.

FURTHER COMMENTS...

By proving to our customer a good knowledge of pumping systems along with potential cost savings we have been offered all six pumps for planned overhaul. These units were normally sent elsewhere to a company who offered very little input into improvements/savings. Other improvements to be advised while carrying out overhauls

MORE INFORMATION

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