



Summary

Industry:	Construction
Application:	Energy Saving Cooling Water Circuit
Actual Saving:	£4,134.00
Payback Period:	n/a



Energy Saving Pump Solution

ERIKS recommend pump solution that will reduce energy costs for Plastic Manufacturer

ISSUE

A leading plastics company currently operate two fixed speed cooling water pumps, on their factory cooling water circuit. This water is supplied to a number of moulding machines, and the pumps circulate cooling water irrespective of whether the system requires cooling water or not.

ERIKS pump technology were approached to specify a more energy efficient pumping solution as the factory was relocating to new larger facilities.

SOLUTION

ERIKS Pump Technology quickly identified that this application related to a system with variable demand for cooling water, and as such discussed with the client the use of Grundfos NBE centrifugal pumps fitted with integrated inverters.

The client currently spends around £7,700 per year in energy costs in running his fixed speed pumps. By utilising Grundfos NBE centrifugal pumps fitted with integrated inverters and pressure sensors the pumps can be controlled more efficiently and match the system requirement for water, only supplying the water required by the process.

The Grundfos NBE pumps fitted with integrated speed control, automatically adapt its performance to the current conditions. This keeps the energy consumption at a minimum and the costs at a minimum too.

OTHER BENEFITS

- ERIKS offered the customer a solution which not only met their needs but which has a 100% Enhanced Capital Allowance and is included on the Governments Energy technology list.

FURTHER COMMENTS...

This application is an excellent example of how ERIKS Pump Technology examine systems and are able to identify energy saving products which have very clear benefits in real time cost savings to the client.

Carl Lock, Business Development Manager
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MORE INFORMATION

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