



## Summary

<b>Industry:</b>	Defence
<b>Application:</b>	Pump Fan Control
<b>Actual Saving:</b>	£10,735
<b>Payback Period:</b>	



## Pump Fan Inverter Saves Energy

Accurate control reduces energy consumption

### ISSUE

A UK major weapons manufacturer had a project for the forced draft fan motors to be controlled using inverters - to allow improved control of the boilers and provide energy savings generated from reduced consumption of coal and electricity.

### SOLUTION

The forced air fan motors were fitted with new inverters and the DCS control modified so that both the fans and belt feed of coal to the boiler is controlled more accurately, thus reducing the amount of coal required.

Savings are made from reduced energy consumption and a reduction in the coal required producing sufficient heat for the sites heating and hot water.

### OTHER BENEFITS

- The changes made to the programme control over the forced fan allows for more efficient coal burning.

### FURTHER COMMENTS...

The total savings so far for the energy consumption of coal usage is £10,276. With further savings expected for winter months coal usage.

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

**Tel: 0845 006 6000**

**Web: [www.eriks.co.uk](http://www.eriks.co.uk)**

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