



moorcroft

Electrical, Controls, Calibration

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PRACTICAL ENGINEERING SOLUTIONS

TO REDUCE THE IMPACT OF RISING ENERGY COSTS



ELECTRICAL SYSTEMS CAN ACCOUNT FOR 65% OF INDUSTRIAL ENERGY CONSUMPTION



Reducing the impact of rising energy costs

All manufacturing plants are heavily reliant on electrical systems for production, and motors can account for **65% of industrial energy consumption**.

Moorcroft have been working with the GKN Industrialisation team to provide practical engineering solutions to reduce the impact of rising energy costs.

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PHASE 1

Variable frequency technology

Phase 1 utilised variable frequency technology on nitrogen booster pumps and realised an immediate energy saving of 13,000kWh per annum.

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PHASE 2

Up to 138,000kWh savings

A phase 2 project encompassing a variety of pump and fan applications has widened the scope and is on target for additional 138,000kWh savings.

It is clear as the project continues the reduced impact on energy consumption and machine wear will be significant.

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PHASE 3

Measuring machine performance

Measuring machine performance in Aerospace applications is critical in ensuring the engineering solutions can deliver the intended result without impacting the efficiency of the process.

Moorcroft engineers can advise on suitability of application and provide live feedback data to measure performance.

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CONTACT

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