



# Engineering & Maintenance

## Ferrybridge Power Station Southern & Scottish Power



“We received the overhauled machine back on site by the agreed date”  
- Mick Foster, Coal Plant Manager

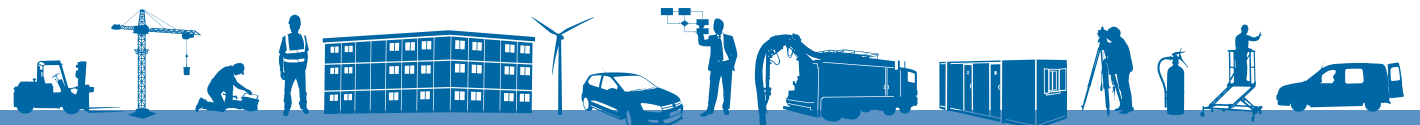
### KEY OBJECTIVES

- Conduct a thorough inspection of the machine and provide a comprehensive report

Large items of coal moving equipment are heavily used and critical to power station operation. After a number of years general wear and tear is a factor but more importantly these machines become unreliable. Coal moving equipment is essential to provide a steady stream of coal into the power station to sustain continuous provision of electricity to the National Grid.

### KEY RESULTS

- Overhauling the machine was a success and gave it an extended life and less downtime



## What do we need to do?

Conduct a thorough inspection of the machine and provide a comprehensive report on the most cost effective way to engineer the solution for our customer in line with their budget.

## How did we go about it?

The machine is basically stripped completely to a bare chassis and rebuilt using new/overhauled components.



## What was the result?

The result is a machine with:

- Extended life
- Increased productivity
- Less downtime
- Lower ongoing maintenance costs
- Reduced risk to the station
- Additional safety features

## What were the savings/value added?

The machine is supplied with a one year or 2000hr warranty. The cost to overhaul against purchasing new equipment typically realises around a 50% saving.

## What did the customer say?

“We received the overhauled machine back on site by the agreed date, and are happy that the machine overhaul costs were kept within our budget.”

- Mick Foster, Coal Plant Manager, Ferrybridge

