



## Operation & Maintenance



<b>Client</b>	E.ON UK
<b>Location</b>	Ratcliffe Power Station
<b>Services</b>	Operation & Maintenance of 1. CAD – Coal, Ash & Dust Plant 2. FGD – Flue Gas Desulphurisation Plant 3. AUO's Auxiliary Unit Operator

Norec won their first contract at Ratcliffe Power Station in 1994. With a total generation capacity of 2,000MW from four 500MW units, the station produces enough electricity to meet the needs of approximately 2 million people. At full capacity it burns approximately 6 million tonnes of coal per annum, producing around 1 million tonnes of ash. Each of the four 500MW generation units is fitted with FGD equipment. This means that around 92% of the sulphur dioxide is safely removed before the flue gases are released into the environment.

Norec's core business remains the provision of managed operation and maintenance contracts for materials handling plant. We employ many experienced electrical and mechanical engineers who plan, supervise and carry out maintenance from everyday routine upkeep to major outage on critical plant and management of specialist subcontractors.

The main areas of responsibilities for the CAD plant are:

- Materials Handling section of the Control Room
- Coal / Petcoke Import by Rail and Road
- Coal stocking out, grading and compacting
- Delivery to bunkers
- Ashing of Boilers
- Lagoon Management
- Control of ash discharge and out loading
- Management and Operation of the Ashfields
- Weighbridge operation
- Limestone import and conveyance
- Gypsum conveyance and export
- FDG Sludge handling from FGD discharge to disposal