

Company Achievements

- * 17.5 MW generator overhaul remove/refit endbells, Jersey Electric Jersey.
- * 6 MW Hydro generator rewind at Maentwrog Power Station.
- * 60 MW generator stator rewind at Keadby Power Station.
- * 30 MW generator stator rewind for Mexborough Power Station.
- * Two 20 MW generator rotor rewinds for Libya.
- * 30 MW generator stator rewind for Barrow in Furness Power Station.
- * 60 MW röebel coils manufactured and supplied by Keadby Power Station.
- * 90 MW Hydro generator rewind at Ffestiniog Power Station.
- * 60 MW generator stator rewind for Skelton Grange Power Station.
- * End bells of a 60 MW generator removed, re-insulated the end winding and crack detected the end bells for Skelton Grange Power Station.
- * 35 tonne 11 kV motor overhauled at Drax Power Station.
- * Two 11 kV C.W. pump motors rewind for Drax.
- * Three 2-speed I.D. fan motors rewinds for West Burton Power Station.
- * 16 MW generator rotor rewind at Rotary Electrical.
- * 30 MW rotor rewind at Rotary for GEC.
- * 8 MW generator rotor rewind for Narjerahn, Saudi Arabia.
- * Motor rewinds for China Light and Power Company, Hong Kong.
- * 750 Hp motor rewinds at Port of Spain, Trinidad.
- * 11 kV 9 MW gas circulator motor for Sizewell "A" Power Station.

Repair work on generators up to 500/660 MW:-

- | | | |
|--------------------|-----------------|----------------|
| * Hinkley Point | * West Burton | * High Marnham |
| * Eggborough | * Longannett | * Littlebrook |
| * Castle Donington | * Draxlow | * Wylfa |
| * Fiddlers Ferry | * West Thurrock | * Thorpe Marsh |
| * Ffestiniog | * ICI Wilton | * Carrington |

- * Established coil manufacturing and motor/generator repair facilities in Saudi Arabia, Venezuela, Trinidad, Australia.
- * Approved by organisations such as National Power and British Coal to manufacture coils up to 11 kV.

Rotary Electrical Co. Ltd.

Engineering Innovation

Gilpin Street, Sheffield S6 3BL, England Tel: 0114 276 9901 Fax: 0114 272 5073 E-mail:sales@rotary-eng.co.uk

Recent Major in works repairs at Rotary Sheffield

Customer	Maker	Equipment Repaired	
Ratcliffe on soar	GEC	I.D. stator rewind	2290HP
Tilbury PS	Lawrence Scott	Stator rewind	970kW
Michelin Tyres	GEC	Rotor rewind	746kW
Michelin Tyres	Parsons	Stator and rotor rewind	1250HP
Iron Bridge P S	Lawrence Scott	Millmotor stator rewind	940HP
Ferrybridge P S	GEC	F.D. stator rewind	2290HP
Ferrybridge PS	GEC	I.D. stator rewind	2750HP
Fairburn Bow Thruster	Taiyo Electric	Stator and rotor rewind	1000kW
High Marnham	Mather & Platt	Rewind stator	1575HP
High Marnham	Mather & Platt	Re-bar rotor	1525HP
High Marnham	Mather & Platt	Re-bar rotor	1525HP
Jersey-Jersey		Complete rotor electric overhaul end bell and crack removal	30MW
Libya		Complete rotor rewind	20MW
Libya		Complete rotor rewind	20MW
Rooscote PS CEGB		Complete rotor rewind	45MW
Ferrybridge PS	GEC	Rotor end ring repairs	2750HP

Recent major electrical experiences - on site work

Customer	Maker	Equipment Repaired
Longanet Power Station	GEC	350 MW Stator part rewind
Wylfa Power Station	GEC	500 MW Stator repair
Thorpe Marsh Power Station	Parsons	500 MW Stator part rewind
Fiddlers Ferry Power Station	Parsons	500 MW Stator repair
Ffestiniog Power Station		90 MW Stator repair
Hinklet Point Power Station	GEC	660 MW Stator repair
Eggborough Power Station	GEC	500 MW Stator rewind
NSW Australia		500 MW Rotor rewind
West Burton Power Station	GEC	500 MW Rotor rewind
Drakelow Power Station		30 MW Rotor repair
ICI Wilton		30 MW Rotor repair
Mexborough Power Station		30 MW complete station rewind
High Marnham Power Station		30 MW Generator Rotor rewind
(Saudi Arabia)		8 MW Najerahn
Jersey Power Station		20 MW Generator Rotor End bell c detection
Bangladesh Power Development Board	Hitachi	20 MW Turbo Rotor rewind,

Repairs at many other power stations include Re-wedging PTFE hose and ring replacement, RE blocking etc.