

Edison Electrical Works

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LIST OF HV MOTORS REPAIRED

Voltage	Capacity	Speed	Quantity
3.3 KV	125 - 2000 KW	375 - 3000 RPM	> 300 Nos.
6.6 KV	110 - 4000 KW	333 - 3000 RPM	> 400 Nos.
11 KV	1000 - 9600 KW	1000 - 1500 RPM	> 50 Nos.

Country	Makes of motors
Belgium	ACEC
Brazil	WEG
Czechoslovakia	Mez Brno, Skoda, CKD Praha
China	Jiamusi Electric
England	English Electric, Parsons, BTH, Metropolitan Vickers, AEI, Brush
France	Alsthom, Jeumont Schneider
Germany	AEG, Siemens, EMF Dort, FLS
India	BHEL, Crompton Greaves, Kirloskar, Jyoti, GEC, NGEF, Siemens
Italy	Ansaldo
Japan	Hitachi, Toshiba, Fuji
Russia	Electrosila, Novaya Sila, ELSIB
Sweden	Asea
Switzerland	Brown Boveri
USA	Fairbankmorse, Ideal Electric, Reliance Electric, General Electric, Westinghouse

Part	Nature of Repair Works Done
Stator	Rewinding, Reinsulation, Core Restacking, Uprating, Redesigning for speed conversion
Rotor	Rewinding, Rebarring, Reshafting, Uprating, Core Restacking, Conversion of Aluminium Die Cast Rotor Bars to Copper Bars, Dynamic Balancing
Bearings	White metal lining and machining, Providing new bearing houses
Sliprings	Modification of Sliprings, Providing New Sliprings
End Shields	Repairs, Sleeving, Providing New End Shields
Fans	Modification of Fans & Providing New Fans
Motor	Assembling and Test Running the Motor on No-Load, Vibration Analysis
Coolers	New Coolers, Conversion of Open Type cooled motors to Closed Type cooled motors