

REFERENCE LIST : POWER SYSTEM STUDIES (CONTD.)

Given below is a list of Power System Study Projects and related Scheme Engineering Jobs executed by us:

SR. NO.	NAME OF THE COMPANY	DETAILS OF JOB EXECUTED
22.0	Thirumalai Chemicals Ltd., Ranipet	Electrical System study of entire electrical distribution system including a) System studies including, b) Short circuit studies. c) Review of existing protection system. d) working out new relay setting and co-ordination. e) Recommendation to improve reliability of the system.
21.0	The Associated Cement Cos. Ltd., Chaibasa	
20.0	Gujarat Alkalies & Chemicals Ltd., Dahej	
19.0	J .K. Tyres Ltd., Rajasthan	
18.0	Indian Aluminium Co. Ltd., Taloja.	
17.0	Century Enka, Pune.	
16.0	Hindustan Motors Ltd., Pithampur.	
15.0	Grasim Industries Ltd., Nagda	Electrical System study of entire electrical distribution system including a) Short Circuit Studies b) Relay setting and co-ordination c) Unit Protection for Generators, Transformers
14.0	Indian Dyestuff Industries Ltd., Ranoli.	Electrical System study of entire electrical distribution system including a) Reliability Improvement i) Review & detail engineering and rectification for existing electrical system distribution controls and protection. ii) Revamping of existing system including Replacement of existing controls protective gears b) Short Circuit Studies c) Relay setting and co-ordination of electrical distribution system
13.0	National Organic Chemicals Industries Ltd., Thane.	Review of existing electrical protective system
12.0	Hindalco Industries Ltd., Dahej	Short Circuit Study, Relay Setting and Relay Co-ordination, Unit Protection for Transformer, Generator.
11.0	Reliance Power Ltd., Jamnagar	GEB Grid System Load Flow Study to identify advantages of 500 MW Power Evacuation by Reliance Ind. Ltd., Jamnagar.

10.0	L & T Hirmi Cement Works, Hirmi	Power System Studies for alternate mode of operation within system parameters.
9.0	Hindustan Lever Ltd., Andheri Unit, Mumbai	Short circuit Studies, Relay Setting and Relay Co-ordination Studies.
8.0	Grasim Industries Ltd. Grasilene & Harihar Polyfiber, Karnataka	Complete Electrical System Study including a) Load Flow studies b) Short circuit studies c) Grid islanding and under frequency load shedding scheme and implementation d) Relay setting and Relay Co-ordination e) Voltage Dip studies
7.0	Associated Cement Co. Ltd., Lakheri, Rajasthan	System study including Stability, Grid islanding scheme and underfrequency load shedding studies for continuous parallel operation of power plant with RSEB grid for continuous parallel operation of power plant with RSEB grid
6.0	Gujarat State Fertilizers and Chemicals Ltd., Vadodara	Study of a large electrical system with 5 Nos. 66KV, Incoming line from GEB, approx. 30 Nos. H. T. Substations, 5 Nos. Generators with Generator Transformers including : a) Load Flow Studies b) Short Circuit Studies c) Relay Setting and Co-ordination d) Recommendations for systems for reliability improvement e.g. replacement of E. R. make relays by E. E. make relays at Co-generation Phase - II.
5.0	Hindustan Petroleum Corpn. Ltd., Mumbai.	a) System Study for Fuels Refinery and Lube Refinery including : i) Load Flow Studies ii) Short Circuit Studies iii) Relay Setting and Co-ordination of complete electrical system. b) Short Circuit Studies, Voltage Dip Studies and Relay Setting and Co-ordination for M. S. Maximisation, Electrical system as part of refinery expansion project consultancy services.
4.0	Atul Ltd., Balsar.	a) Study, revamping and modernisation of existing electrical system including : i) Hook Up Study for New 18MW T. G. set with existing system ii) Design and implementation of Grid Islanding Scheme. iii) Synchronising Scheme iv) 66 kV Metering System b) Short Circuit Studies. c) Relay setting and co-ordination for existing electrical system and new T. G. set
3.0	Mukand Ltd., Thane.	35MW Captive Power Plant electrical system feasibility study for operation of highly fluctuating load of furnaces.
2.0	P. T. Polvsindo Eka Perkasa.	Electrical System Study including,

	Indonesia.	<ul style="list-style-type: none"> a) Short Circuit Studies b) Relay Setting and Co-ordination c) Unit Protection Review and setting for : <ul style="list-style-type: none"> i) Transformer ii) Generator iii) Motor iv) Capacitors d) Voltage Dip Studies
1.0	Birla Copper, Dahej.	<p>Complete Electrical System Study including,</p> <ul style="list-style-type: none"> a) Load flow studies b) Short circuit studies c) Grid islanding and under frequency load shedding schemes and implementation d) Relay Setting and Relay Co-ordination e) Voltage Dip Studies f) Blackstart of T. G. set g) Engineering of the scheme for momentary paralleling of 6.6KV, 3.3KV and 415V incoming breakers.