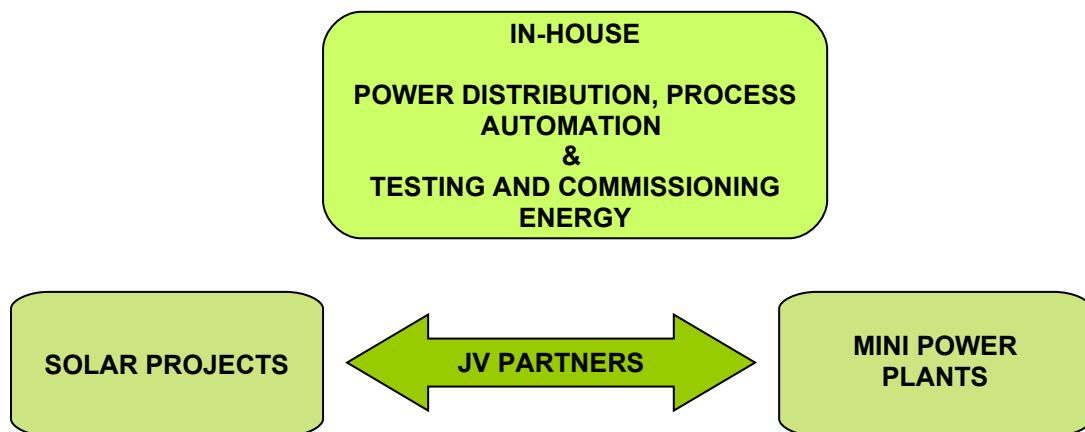


SCHALTECH

Schaltech, founded in 1990 by Mr D. Raghunathan, is a company offering one-stop value added services in Power Systems, Transmission/Distribution and Process Automation. Mr. Raghunathan has worked with multinational companies for over a decade in India and Germany in the areas of Automation and Power Distribution and has executed a number of jobs including 220 KV substations.

The in-house capabilities of Schaltech include one-stop solutions in system integration for infrastructure projects and core sector process industries covering manufacture of Control Panels with PLC/DCS Systems, AC/DC drive panels Soft Starter panels and associated services.



Renewable Energy Systems-Solar Photo Voltaic Power projects

Schaltech has foreseen the revolution in the renewable energy sector and has been a part of it since as early as 1996. In the same year, Schaltech executed the **First Hybrid Solar-Mains-Diesel-Batteries** system for M/s IDL Ltd., Hyderabad, India. The system has been working satisfactorily since implementation. This system is used for Powering up M/s IDL's process computers, which control the operation of their entire plant.

The range of solar products offered by Schaltech also include solar lanterns, home-lighting systems, street lamps, hot-water systems, pumping systems, etc.

01. SUB STATIONS/ SWITCH YARDS :

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Sl. No.	Name of the Work	Client
1	Design, Engineering, Supply and Erection, Testing and Commissioning of Equipment for 1 X 10/12.5 MVA, 110 KV Switchyard for Naranja Sahakari Sakkare Karkhane Niyamit, Bidar, Karnataka.	Reliance Energy Limited
2	Design, Engineering, Supply and Erection, Testing and Commissioning of Equipment for 110 KV KPTCL receiving bay at Kolhar for Naranja Sahakari Sakkare Karkhane Niyamit, Bidar, Karnataka.	Reliance Energy Limited
3	Design, Engineering, Supply and Erection, Testing and Commissioning of Equipment for 1 X 10 MVA, 66/33 KV Substation at Chitradurga, Karnataka.	Vestas RRB India Limited
4	Design, Engineering, Supply and Erection, Testing and Commissioning of Equipment for 66 KV Bay extension at KPTCL existing 220 KV Substation at Chitradurga, Karnataka.	Vestas RRB India Limited
5	Design, Engineering, Supply and Erection, Testing and Commissioning of Equipment for 1 X 10 MVA, 110/11 KV, 110 KV Switchyard at Tamilnadu.	Shriram EPC
6	Supply and Erection of 33kV D.P.Structure, Earthing Station, MV Panel Etc	Vestas RRB India Limited
8	Design, Engineering, Supply, Civil and Erection of 132 KV substation Kasimabad (Ghazipur) on Turnkey basis in Uttar Pradesh	Uttar Pradesh Power Corporation Limited
09	Design, Engineering, Supply, Civil and Erection of 132 KV substation Mehdawal (Sant Kabirnagar) on Turnkey basis in Uttar Pradesh	Uttar Pradesh Power Corporation Limited
10	Supply, Civil and Erection works for Construction of 220KV/110KV Substation & Bay extension at Indi, KPTCL	L&T
11	Erection, Testing and Commissioning works for 400KV Substation at Mysore	L&T

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12	Supply and Erection of 33kV D.P.Structure, Earthing Station, MV Panel Etc	Vestas RRB India Limited
13	Design, Engineering, supply, erection, testing and commissioning of 132/33kV, 2x50 MVA capacity substation on Turnkey basis (Transformer client scope) - Gujarat	Vestas RRB India Limited
14	Design, Engineering, Supply, Erection and Testing and Commissioning of 110 KV Outdoor Switchyard at Sattur Taluka, Tamilnadu	Shriram EPC Limited
15.	Design, Engineering, Supply, Erection and Testing and Commissioning of 132 KV Outdoor Switchyard at Bengari, Raigarh.	Shriram EPC Limited
16.	Design, Engineering, Supply, Erection and Testing and Commissioning of 132 KV Outdoor Switchyard – Bay Extension at Banaganapally Village, Kurnool, A.P.	Sree Jayajothi Cements Limited
17	Design, Engineering, Supply and Erection, Testing and Commissioning of Equipment for 1 X 10 MVA, 66/33 KV Substation at Chitradurga, Karnataka.	Hutti Gold Mines Company Limited

02. TRANSMISSION LINES:

Sl. No.	Name of the Work	Client	Length in k.m.
1	Design, Engineering, Supply, Erection, Testing and Commissioning for 27.54 KM 110 KV S/C transmission line from Yadgiri 110 KV Station proposed 110 KV station at Konkal in Gulbarga Districts, Karnataka	KPTCL	27.54
2.	Design, Engineering, Supply, Erection, Testing and Commissioning for 20 Kms 110 KV SC Transmission Line on DC Towers from NSSKN Substation to Kolhar Substation, Bidar, Karnataka	Reliance Energy Limited	20.00
3.	Design, Engineering, Supply, Erection, Testing and Commissioning for 5 Kms 66 KV SC line on DC Tower from Hutti Gold Mines to KPTCL substation, Chitradurga, Karnataka.	Vestas RRB	5.00
4	Supply and Erection of 33kV substation (07 Nos) and Transmission Line (200 Kms in Uttar Pradesh) under Uttar Pradesh Rural Electrification Programme in Hardoi District in Uttar Pradesh	Reliance Energy Limited	200
5	Design, Engineering, manufacture/fabrication erection and testing and commissioning of 132 KV D/C transmission Line between Bajana and GETCO's Substation - Gujarat	Vestas RRB India Limited	15.00
6	Erection of 33kV Single Circuit OHT Line with DOG Conductor galvanized RSJ poles and using Antifog Insulator as per GETCO Standard	Vestas RRB India Limited	10.00
7	Supply, Erection of 11kV line under APDRP Townl	Bhoruka Power Corporation	74.5

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	electrification Programme in Bellary District in Karnataka	Limited	
8	Design, Engineering, manufacture/fabrication erection and testing and commissioning of 66 KV D/C transmission Line between Chickkamangalore to KPTCL Balehonnur Substation.	Bhoruka Power Corporation Limited	40.00
9	Design, Engineering, manufacture/fabrication erection and testing and commissioning of 132 KV D/C transmission Line between SJCL & Banganapally at Kurnool, Andhra Pradesh for APTRANSCO.	Sree Jayajothi Cements Limited	10.00
10.	Design, Engineering, manufacture/fabrication erection and testing and commissioning 220kV DC Line from 400/220kV Kalpaka SS to proposed 220kV SS at Apparel Park, M/s.Brandix Site, Visakapatnam, Andhra Pradesh on Turnkey basis, for APTRANSCO.	APTRANSCO	8.6

03. Process Automation & Power Distribution Jobs Done by Schaltech:

Clients	Description of Job Carried Out
KCP Ltd,2500 tcd Sugar Plant	Centralised automation
Jai Ambica SSK Ltd, Maharashtra	Turnkey Electricals for Sugar Plant
Everest Cements Ltd, Cement Plant	Centralised automation and Instrumentation
Gold Star Cements Ltd, Cement Plant	Electrical automation Systems
Nuclear Fuel Complex	Control and Instrumentation
Sirpur Paper Mills Ltd, Paper Mill	Control Panels, Drive Panels, MCCs, PCCs
KCP Ltd,TUY-HOA, Vietnam	Design, Engineering and supply of control panels
Hyderabad Industries Ltd, ,Indonesia	Electrical, Control and Automation system with PLCs and Drives
Nagarjuna Construction Company	Design, Supply, Erection & Commissioning of Automation & Instrumentation package for 800 tpd Cement Plant
Orient Cements	Supply and commissioning of MCC,PCC and PF panel
Hyderabad Industries Limited, Srilanka	Electrical Panels
India Gypsum Limited, Chennai	Electrical Panels
Pennar Cements Ltd & Raasi Cements Ltd	Drive Panels
Trivandrum Airport	PCC/MCC panels
Mangalore Airport	MCC panels
A.P. Paper Mills Ltd	MCC Panel & Distribution Boards
Hyderabad Industries Limited	MCC Panels, Control Desks, AC Drives & Distribution Boards
ITW SIGNODE INDIA LTD	Automatic Bundle Wrapping System for ITC High Speed Scissor Lift
India Gypsum Limited, Mumbai	Design, Engineering and supply of control panels
Advanced Energy Systems Limited, Australia	Design, Engineering and Manufacturing of Solar Power Conditioning Units – 60KVA, 110 KVA and 55 KVA Inverters.
Shriram EPC Limited, Chennai	Design, Engineering and Manufacturing of 415 V PCC, MCC, Busduct and Push Button Stations for 7.5 MW Biomass Power Platan at Dundigal.
Technology Ventures Qatar WLL, Doha – Qatar (Export)	3200 LT ACB Panel

04. SPV Projects executed:

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S. No	SPV Capacity(KWP)	Application	Location
1	5.5	2 nos. Power Plants for lighting of Students Dormitories	Ivy League School, Hyderabad
2	5.5	2 nos. Power Plants for Village lighting	Nedcap, Andhra Pradesh
3	4.8	Power Plant as Power back up for computer center	IDL Chemical, Hyderabad
4	10.5	Power Plant for Computer Lab	Vellore Engineering College, Vellore

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