



COMPLETED POWER PLANT PROJECTS

SUGAR AND COGENERATION

#	CLIENT	LOCATION	BRIEF PROJECT DESCRIPTION	SERVICES RENDERED
1	Jhanmkhandi Sugars Ltd	Karnataka	Greenfield 2500 TCD Sugar Mill with 12 MW Cogen	Detailed Project Report, Financial Closure, PPA, Project Engineering, Erection & Commissioning
2	Naranja Sahakari Sugar Mill - Phase 1	Karnataka	Greenfield 2500 TCD Sugar Mill in Cooperative sector with 8 MW Cogen Power Export at 110kV	Cogeneration DPR, Project Engineering, Execution, PPA
	Naranja Sahakari Sugar Mill - Phase 2	Karnataka	Expansion to 5000 TCD with Cogeneration 8 - 28 MW Distillery / Ethanol - 60KLPD	Sugar + Cogeneration DPR, Financial Close, PPA
3	Bilagi Sugar Mill Ltd - Phase 1	Karnataka	Greenfield 2500 TCD Sugar Mill with 8 MW Cogeneration	Preparation of Detailed Project Report, Financial Closure, Project Engineering
	Bilagi Sugar Mill Ltd - Phase 2	Karnataka	Cap Expansion 2500 TCD to 400 TCD, 8 -24 MW (Using yo own Bagasse)	Preparation of Detailed Project Report, Financial Closure, Project Engineering, Project Execution, PPA Finalisation & Assistance during erection & Commissioning
4	Nirani Sugars Ltd.- Phase 1	Karnataka	500 TCD Khandas ari Plant, Expanded to 1250 - 3750 TCD, 16 MW Cogeneration Plant	Preparation of Feasibility Report, DPR, Financial Closure, PPA Finalization, Project Engineering & Execution
	Nirani Sugars Ltd.- Phase 2	Karnataka	Plant Expansion to 6250 TCD Cogeneration Expansion to 40 MW (16+24) Distillery / Ethanol Plant - 60 KLPD	Preparation of Feasibility Report, DPR, Financial Closure, PPA Finalization, Project Engineering & Execution
5	Thiru Arooran Sugar Ltd	Tamilnadu	Plant 1: 2500 TCD Sugar Mill with 16 MW Cogeneration Expanded to 4000 TCD Plant 2: 4000 TCD Sugar Mill Expansion to 6000 TCD with 28 MW Plant	Process Modernization & Capacity Expansion with Process Steam reduction to 38% on Cane
6	Ambika Sugar	Tamilnadu	Plant 1: 2500 TCD Sugar Mill Expansion to 5000 TCD with 28 MW Cogeneration Plant 2: 5000 TCD Sugar Mill, Capacity Expansion to 6000 TCD with 28 MW Cogeneration	Process Re-Engineering, reduction in Energy Consumption, Capacity Expansion, Surplus Power Export, Project Engineering & Execution
7	India Power Cane Ltd	Karnataka	Greenfield 5000 TCD Sugar Mill with 28 MW Cogeneration	Process fixation, Project Engineering, Procurement, Construction & Commissioning with Power Export
8	Manali Sugar		Greenfield 3000 TCD Sugar Mill with 18 MW Cogeneration	DPR, Financial Closure, Project Engineering, Procurement, Construction & Commissioning wit Power Export
9	Shri Chamundeshwari Sugar Mill (Unit 2)	Karnataka	Greenfield 300 TCD Sugar Mill (Diffusion) with refinery, 16 MW Cogeneration, 75 KPLD Distillery / Ethanol Project	Preparation of Feasibility Report / DPR, Financial Closure, PPA Finalization
10	Hemavathi Sugars	Karnataka	Old 1250 Plant, Modernization& Expansion to 3000 TCD (Diffusion) with Refinery & 16 MW Cogeneration	Preparation of Feasibility Report / DPR, Financial Closure, PPA Finalization
11	India Sugar & Refinery Ltd	Karnataka	Old Sugar Mill - Modernization & Expansion to 3000 TCD in Phases	Process Re-Engineering & Advisory service to reduce Energy Consumption upto 42%
12	Kothari Sugars Ltd	Tamilnadu	4000 TCD Sugar Mills with 22 MW Cogeneration usinf DC Drives on Mills, ID / FD Fans & Centrifugal	Energy Audit & Installation of Harmonic Filter to reduce Power Consumption upto 14% on DC Drives
13	SI - ALS Bec Bio Energy Ltd		8000 TCD, 16 MW Cogeneration Project	Consultancy / Detailed Engineering Service, Project Management & EPC fro B.O.P
14	The Nandi Sahakari Sakkare Karkhane Niyamit		18 MW Cogeneration Project	Advisory Service for Power Sales & Acquiring CDM Benefits



15	Badam Sugars	Bagalkot, Karnataka	Greenfield 2500 TCD Sugar Mill with 8 MW Cogeneration	Preparation of DPR, Financial Closure, Project Engineering
16	SGS India Pvt Ltd		26 MW Cogeneration Plant of Sri Chamundeshwari Sugars	Review of the project for Financial Institution
17	The Mysore Sugar Co Ltd	Mandya, Karnataka	Revival of Cogeneration & Sugar Plant Operation	System Study & Improvement in Steady Operation
18	Modi Sugar Mill	Modinagar	Multi Unit Cogeneration Plant	Electrical System Study & Optimization
19	Krishna SSKN	Athani	12 MW Bagasse based Cogeneration Plant including 7 MW Export	Detailed Project Report, Detailed Engineering & Project Execution
20	Bilagi Sugar Mills	Badagandi, Bagalkot	2500 - 5000 TCD Sugar Plant, 22 MW Co-generation Plant	Detailed Project Report for Sugar Plant & Cogeneration Plant in name of SRP
21	Hemavati Sugar Ltd	Srinivasapura, Hassan Dist	18 MW Cogen Project, 3500 TCD Sugar Plant, 50 KLPD - Ethanol Plant	Detailed Project Report for Sugar Plant, Cogeneration & Distillary

CAPTIVE / COGENERATION PLANT

#	CLIENT	LOCATION	BRIEF PROJECT DESCRIPTION	SERVICES RENDERED
1	Shakumbhri Straw Products	Moradabad, UP	12 MW Cogeneration Project for Paper Mill	Preparation of Feasibility Report, DPR, Detailed Engineering & Project Execution
2	M/s Rama Paper Mill	Bijnor, UP	6 MW Cogeneration Project for Paper Mill	Preparation of Feasibility Report, DPR, Detailed Engineering & Project Execution
3	South India Paper Mill	Mysore, Karnataka	2.7 MW Bagasse / Biomass based Cogeneration Project for Paper Mill	Preparation of Feasibility report, DPR, Detailed Engineering & Execution of Cogeneration Plant, Interfacing Steam & Power with Paper Mill Operation & Paralleling with the State Grid
		Mysore, Karnataka	7.8 MW Bagasse / Biomass based Cogeneration Project for Paper Mill	Feasibility Survey, Preparation of Project Report, Detailed Engineering & Project Execution Including Interfacing Steam & Power with Paper Mill & Export of 4.5 MW Excess Power to the State Grid
4	Sri Venkatesa Paper & Boards Ltd	Madathukulam, Tamilnadu	2.85 MW Biomass based Cogeneration Project for Paper Mill	Engineering, Procurement, Installation, Commissioning & Interfacing of the Power generated with the plant distribution system & other supply system, viz, TNEB & TG Sets
5	Indian Agro Paper Mills Association	Delhi	Cogeneration Feasibility in Small paper Mills	Survey of 70 Agro Based Paper Mills all over India, Feasibility report, Bringing out potential for Cogeneration of Electrical Power & Process Steam in the Agro based Paper Mills in the country
6	Falcon Tyres Pvt Ltd	Karnataka	6 MW Cogeneration Project for Tyre Plant	Consultancy Service as Owner's Engineer for the Complete Plant
7	Best Food International	Karnal	3.5 MW Cogeneration Plant for Rice Mill	Consultancy Service as Owner's Engineer for the Complete Plant
8	Sunstar Overseas Ltd	Haryana	2.5 MW Cogeneration Plant for Rice Mill	Preparation for Detailed Feasibility Report
9	Kalyanpur Cements Ltd	Bihar	2 x 18 MW Captive Power Plant for Cement Industry	Preparation of Detailed Project Report
10	Shri Mahavir Ferro Alloys Pvt Ltd	Rourkela	40 MW Captive Power Plant (Sponge Iron plant)	Preparation of Feasibility Report & DPR
		Rourkela	12 MW TG Set (Sponge Iron Plant)	Re-Engineering of TG Set using Gear Box
11	Bihar Sponge Iron Ltd	New Delhi	5 MW WHRB base Sponge Iron Plant	Preparation of Detailed Project Report
12	Deepak Steels & Power Ltd	Orissa	10 MW Power Plant (Steel Plant)	Detailed Engineering of Piping & Electrical System for EPC Contractors



13	Sunvik Steels Ltd		WHR based Power Plant	Detailed Engineering & Detailed Project Report
14	Shri Mahaveer Hitech Chemical Pvt Ltd	Sundargarh	24 MW Coal based Power Plant	Preparation of Detailed Project Plant, Consultancy / Detailed Engineering Service, Project Management & EPC of BOP
15	Global Hi Tech Industries	Bhuj	2 x 16 MW Captive Power Plant based on WHR & FBC Boiler	Preparation of Feasibility Report & DPR, Detailed Engineering, Project Management
16	M/s Toyo Engineering India Ltd, Mumbai	Andhrapradesh	Maa Mahamaya Industries 2 x 10MW Power Plant	Pre-bid engineering for 2 x 10 MW, Waste Heat Recovery based Power Plant
17	M/s Hassan Biomass Power Company Pvt Ltd	Hassan, Karnataka	8 MW Biomass Based Power Plant at Industrial Growth Center, Hassan 7MW Chambal Power project	Detailed Engineering, including Civil & Structural Designs / Drawings & Project Execution Assistance for complete plant.
18	M/s. China National Electric Equipment Corporation (CNEEC), China	Vizag, Andhra Pradesh	6 x 135MW CPP of Kutch Alumina Power and Coke Limited	Engineering for Balance of Plant Systems, Project Site Management Services

DG PLANT

#	CLIENT	LOCATION	BRIEF PROJECT DESCRIPTION	SERVICES RENDERED
1	The Tehama Trading Co Republic of Yemen		2 x 3.5 MW DG Power Plant for NISCO, Aden 1 x 4.7 MW DG Power Plant for AISCO, Aden 1 x 1.7 MW DG Power Plant for Hodedah	Detailed Engineering Service
2	Powerica Ltd		5 x 1.9 MW DG Power Plant at Greta Nile Petroleum Operating Co Sudan	Detailed Engineering Service

SYSTEM ENGINEERING - CIVIL / STRUCTURES / ELECTRICAL

#	CLIENT	LOCATION	BRIEF PROJECT DESCRIPTION	SERVICES RENDERED
1	Bateman Engineering (India) Pvt Ltd	SouthAfrica	Blue Ridge PGM Concentrator at Southafrica	Design & Detailed Electrical Engineering
2	Enercon (India) Infrastructure Pvt Ltd	Tiwari, Jodhpur	132 / 33 kV Substation	Design & Foundation of Structure
		Gadag, Karnataka	220 / 33 kV Substation	Civil / Structures / Electrical
		Ratedi, MP	132 / 33 kV Substation	Civil / Structures / Electrical
3	Gea Energy System (Indai) Pvt Ltd	Chennai	1 x 500 MW BOP of VTPS	Design & Detailed Engineering (Electrical)
4	Caterpillar Commercial Pvt Ltd, Bangalore		Apollo Project - 5.5 MW	Detailed Engineering - Electrical
		Baroda	JCT Electronic Project - 5.3 MW	Detailed Engineering & Supervision at Site
		Baruch	Videocon Naramada Glass Project - 7.5 MW	Detailed Engineering & Supervision at Site
			Biocon Project	Detailed Engineering - Electrical
			Shah Cement Ltd - 2 x 5.85 MW	Detailed Engineering - Electrical
			National Steel Project - 1 x 7.5 MW	Detailed Engineering - Electrical



5	Cethar Vessels Ltd, Tiruchirapalli, TN		M/s Sree Rengaraaj Power (India)Pvt Ltd - 1 x 8 MW CPP	Detailed Engineering - Electrical
			M/s Hima Ispat (P) Ltd - 1 x 8 MW CPP	Detailed Engineering - Electrical
			M/s Harihar Power Alloys (P) Ltd - 1 x 6 MW CPP	Detailed Engineering - Electrical
6	Asea Brown Boveri Ltd, Bangalore	Rengali	Bhushan Ltd Project - 220 kV Switchyard	Detailed Civil, Structural & Electrical Engineering
		Qatar	Qatar Petroleum	Engineering of TCP / GCP / SCADA interface of offshore Platforms PS2 & PS3
			Lafarge Surma LBC	Engineering for cement plant conveyor systems
			110 kV Sub-Stations of KPTCL at Anand Nagar, Hubli Power House Compound & at Uttur	Detailed Electrical Engineering
7	TCE Consulting Engineer Ltd, Bangalore		Essar Open Cycle Power Plant	Drafting Service for Electrical Drawings
8	ESTA International (Pvt) Ltd	Srilanka	Embilipitiya Grid Substation Expansion Project - 2004	Engineering Service
9	Sterling & Wilson Electricals Pvt Ltd	Bangalore, Karnataka	ITP Extension, Whitefield	Electrical System Fault Level / Relay Settings
		Hebbal, Karnataka	Columbia India Hospital	Testing & Commissioning of 11 kV / 415 V System
10	M/s Toyo Engineering India Ltd, Mumbai	Ramnathpuram	58 MW CCPP - RPCL Power Project	BOQ & Cost of Civil Work
		Sitapuram	43 MW Captive Power Plant	Pre Bid Engineering Service