

Experience Profile



THERMAL PROJECTS

SPECIAL ENGINEERING SERVICES

CUSTOMER	PROJECT DETAILS
Nabha Power Limited, India	Integrated Technical Review for ROM coal conversion project, NPL
ACTIS GP LLP	Preliminary Configuration Study and Basic Engineering for proposed expansion of Bhola II Power Plant, Bangladesh.
Lanco Amarkantak Power Ltd, India	Preparation of report on way forward approach to complete Unit 3&4 of Lanco Amarkantak Power Ltd.
Odisha Power Generation Cooperation (OPGC) Limited, Odisha	Root Cause Analysis (RCA) Study of ESP Hopper, Support Structure Collapse and Internal damage assessment at 2x660 MW OPGC Thermal power Plant, Odisha, India
KSK Mahanadi Power Company Limited, India/ Insolvency Professionals	Technical Evaluation for 6x600 MW KSK Mahanadi Thermal power plant, India
Simhapuri Energy Limited, India/ Insolvency Professionals	Technical Evaluation for 4x150 MW Simhapuri Thermal power plant, India
Edelweiss Asset Reconstruction Company Limited	Periodic review of Essar Power Odisha Limited, Paradip
Coastal Gujarat Power Limited	Plant Performance Gap Analysis of 5x800 MW UMPP Mundra, Gujarat



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CUSTOMER	PROJECT DETAILS
RattanIndia Power Limited	Consultancy Services for using unwashed coal instead of washed coal vis-à-vis applicable Emission Norms for 5x270MW Amravati Power Station(Ph-I), Maharashtra
Essar Power Hazira Limited (EPHL), India	Vetting of debottlenecking activities to enhance capacity from 270 MW to 300 MW at EPHL plant, Hazira, Gujarat, India
Nexif Energy Management Pte, Singapore	Min. Functional Specs preparation for 90 MW Combined Cycle Power Plant, Thailand
Larsen & Toubro Limited	Analysis for HMB Drawing for Pataratu Project
GE Power India Ltd.	Engineering Services for Slip ring cooling system and Brush Dust
Larsen & Toubro Limited	Review of Architectural Drawings & Specs. for pipeline project of KOC
Port Adelaide Energy Pty Ltd. (Nexif)	Technical Study and Optimization of AOHP Power Plant, Adelaide, Australia
ISGEC Heavy Engineering Ltd	Wind Tunnel Study-2X800 MW NTPC Gadawara , India
Nexif Energy Management Pte Ltd, Singapore	Consultancy Services for SIPCO-II CCPP, Thailand
Edelweiss Asset Reconstruction Company Limited	Periodic Review of Essar Gp. Power plants (2x135 MW Essar Power Hazira, 2x60 MW Essar Power Orissa and 500 MW Bhandar Power Project)
Sargent & Lundy, USA	Tower Testing for the DCRT Ten West Link project
Gujarat Narmada Valley Fertilizers & Chemicals Ltd	Failure Analysis of Tube at Dahej Complex, Gujarat
Arabian Bemco Contracting Company	Plant Manuals for Qurayyah CCPP Extension 1 Block 6 Project, Saudi Arabia



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Sargent & Lundy, USA	Engineering Services for PLS-Tower modeling Work
L&T Hydrocarbon Engineering Limited	Deputation of engineers for Saudi Aramco Project
Odisha Power Generation Corporation Limited	Consulting services for Performance Testing for Main Plant and Balance of Plant of 2x660 MW OPGC II STPP, Odisha
Alghanim International General Trading & Contracting Co. WLL	Technical Training for DPC Engineers for DIPWP, Oman
Gujarat Mineral Development Corporation Ltd.	Consultancy services for pre-contract activities & selection of new O&M operator 2x125 MW Akrimota TPS, Gujarat
GE Power India Limited	Engineering Services BOP systems for Hydro Projects
Hindalco Industries Limited (Renusagar Power Division)	On Line Partial Discharge Testing Of Transformer
Adani Power Limited	Condition assessment of Thermal Power plant
Pragati Power Corporation Ltd., India	Consultancy services for PG Test of BOP, Pragati III, Bawana
Larsen & Toubro Limited, India	Heat Cycle Design Study for Buxar, Lara & Singrauli TPP, India
L&T Heavy Engineering, India	Structural Analysis for HEML Loop Reactor Package at Bhatinda, India
Industrial Energy Ltd, India	Preparation of Cost Validation report for Industrial Energy Ltd, India
GS Engineering & Construction Corporation	Parts Data Package and SAP data list for PP12
Sargent & Lundy LLC, USA	Electrical Design Support for Gloucester 75 MW power plant
First National Company for Operation & Maintenance Services	Services for Single point of failure (SPOF) study for Salah 2 CCPP, Oman



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Sojitz Kelanitissa (Private) Limited, Sri Lanka	Root Cause Analysis for Steam Turbine Rotor Crack, Sri Lanka
The Durgapur Projects Limited (A Govt. of West Bengal Enterprise)	Engagement of Consultant for construction of 2nd Fly Ash (FA) Silo, Durgapur, West Bengal, India
Talwandi Sabo Power Limited	Design of divider bund in Ash Dyke, Punjab, India
L&T - Hazira (HED), India	Piping Design of Feedwater system-2x800 MW Telangana & 3x660 MW Ghatampur, India
L&T Hydrocarbon Engineering Limited, India	Preparation of Fabrication Drawings for IOCL Bongaigaon
Larsen & Toubro-Electrical & Automation, India	Preparation of MFS for the EPC contract-INS Eksila
L&T Construction, India/ KNPC , Kuwait	Support to validate and verify design of Air Duct
CALIK ENERJI SAN. TIC. A.S., Turkey	Satellite Process Engineer Support
NTPC GE Power Services Pvt. Ltd, India	Stress Analysis at NTPC Ramagundam Site
Talwandi Sabo Power Limited, India	Feasibility Study & Detailed Engineering for Water Reservoir
GE Power India Ltd., India	Design of pipe type heat exchanger cooling water system for 4 x 250 MW Tehri PSP Hydro plant, Uttarakhand, India
Haryana Power Generation Corporation, India	Improvement in Cooling Towers Efficiency at DCRTPP, Yamunanagar, Uttar Pradesh, India
SembCorp Salalah Power & Water Company SAOG	Civil Consultancy Services for Sembcorp Salalah Power & Water Plant, Oman
Al-Toukhi, Saudi Arabia	Detailed Design of NWC pump station



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CUSTOMER	PROJECT DETAILS
Emirates Global Aluminum PJSC	GTX Demineralization Plant RCFA Review
Bhander Power (Essar), India	Techno-Commercial Specs for Dismantling, Packing & Storage of 500 MW Bhander CCPP, India
Nexif Energy, Singapore	Consultancy for 220 MW CCPP at Kadda, Bijapur, Bangladesh
Jhajjar Power Limited, India	Consultancy for Water Spray System in Ash Dyke for Jhajjar TPP , Haryana, India
GMR Kamalanga Energy Limited, India	Consultancy for root cause analysis of PA Fan (2B) blade failure for 3x350 MW TPP at Kamalanga, Orissa, India
Gayatri Projects Ltd (GPL), India	Consultancy for Scope Interpretation of GPL contract for TPCIL 2x660 MW TPP at Krishnapatnam, AP, India
Sesa Sterlite (Vedanta Group), India	Consultancy Services for Design of Ash Dyke for 9x135 MW coal-based Captive Power Plant, Jharsuguda, Orissa, India
Adani Power Dahej, India	Study of CW system for proposed 4x660 MW Thermal Power Project at Dahej, Gujarat, India
Sterlite Energy (Vedanta Group), India	Consultancy Services for interconnection of CW pumps at 9x135 MW coal-based Captive Power Plant, Jharsuguda, Orissa, India
Alstom, India	Design & Engineering of Pipe type heat exchanger for cooling water for Tehri Pump Storage Plant (4x250 MW), India
Tata Power, India	Water System Study at Tata Power Company, Haldia Plant, India
DOOSAN, Korea	HAZOP study for HVAC system at JBL-M station, UAE



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Jubail Energy Company, Saudi Arabia	Hazop Study for 250 MW Sadaf Co-Generation Power Plant, NPC n Saudi Arabia
Alghanim International, Kuwait	Configuration Study for 5xGE 9FA GT 2 Nos. IWPP
L&T- Infra, India	Training and Orientation of Power Plant
DOOSAN, Korea	Hazop Study for 1120 MW Mong Duong-2 Thermal Power Project in Vietnam
Adani Power, India	Consulting Engineering for 660 MW Unit of Mundra Power station
Jhajjar Power (CLP), India	Performance Testing Support for 2x660 MW Jhajjar Power Project
DOOSAN, Korea	Power Plant familiarization and Technical Training for Combined Cycle Power Project in Jebel Ali, Dubai
Adani Power, India	Conduct study of Cooling Water System for 4x330MW & 5x660MW Mundra TPP, Gujarat
Confidential	Engineering and Documentation Service for a Project in Middle East
DOOSAN, Korea	Hazop Study, Jebel Ali Project, Dubai
Essar Power, India	Heat Rate Improvement Study for 515 MW Naphtha based Combined Cycle Power Plant
Doosan, S. Korea / Sohar Power Company, Oman	585 MW CCPP Sohar Water and Power Project in Oman C&I detail engineering services, Power system studies, Preparation of Commissioning and Testing Manuals, Assistance in PG Testing & Preparation of Report



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Central Electricity Authority (CEA) / Tata Energy Research Institute, India	Complete project brief of Global Environment Facility for three thermal power stations viz. 6x210 MW Kolaghat TPS, 3 x 60 MW Faridabad TPS and 6 x 210 GGSSTP Ropar under GEF/UNDP funded assignment titled “Stabilizing of Green House Gas Emissions from Indian Power Sector through Renovation & Modernization of Thermal Power Stations
West Power, Jaipur, India	Vetting of DPR for 2x300 MW Kapurdi Power Project in Rajasthan
GMR Vemagiri, India	Selection of Configuration and performance optimization for 370 MW CCPP
Sargent & Lundy, USA	Feasibility Study for Fuel Supply for GVK Power Ratlam 120 MW DG based Power Plant
L&T – HARP, India	DHDS Unit HPCL Vizag & CRL Cochin, Technical Support in evaluating technical offers for various packages.
Larsen & Toubro, GR. X, Calcutta	Detailed Design of Material Handling System of L&T Cement Plant at Tadipatri, A.P. Detailed Engineering of NTPC Simhadri Coal Handling plant
Gujarat State Electricity Corporation, India	Contracts / Agreement, Fuel Supply, O&M, Construction, Sharing of common facilities between GSECL and GEB.
L&T, IPP Group, India	Site Selection Studies in Andhra Pradesh
Westinghouse Electric Corporation, USA	Report on compliance with Indian Codes and Standards
L & T, Group-XI, India	C&I Engineering support for Nuclear Fuel Complex

