



THERMAL PROJECTS

BASIC & DETAIL ENGINEERING SERVICES

INTERNATIONAL PROJECTS

L&T-Sargent & Lundy has extensive international exposure to designing and engineering of power plants with customers like Sargent & Lundy, Larsen & Toubro, Arabian Bemco, Al-Toukhi, Doosan, General Electric, Toshiba to name a few. L&T-S&L has offered a variety of services from basic and detail engineering to commissioning support in the international market.

PROJECTS UNDER EXECUTION

CUSTOMER	PROJECT DETAILS	YOC
SEPCOIII Electric Power Construction Co., Ltd.	3x31MW PETRONAS captive Power Plant, Iraq	2021
Sargent & Lundy , USA	Confidential Modernization project, USA	2021
Sargent & Lundy , USA	Confidential SWRO Project, UAE	2021
Sargent & Lundy , USA	150 MW Repowering Project, Slovenia	2021
Hyundai Engineering & Construction Co. Limited	8x20 MW Mobile Simple Cycle Power Plant, Algeria	2021



Experience Profile



CUSTOMER	PROJECT DETAILS	YOC
Sargent & Lundy, USA	Piping support for Genesis Alkali Granger Optimization Project	2021
Ronesans Endustri Tesisleri Insaat Sanayi Ve Ticaret A.S.	432 MW Zerger Simple Cycle Power Plant project , Turkmenistan	2021
Alghanim International General Trading & Contracting Co. WLL	300 MW Duqm Integrated Power and Water Plant, Oman	2022
Hyunson Engineering & Construction Co. Ltd., Algeria	8x20 MW Mobile Simple Cycle Power Plant, Algeria	2021
BISHO Infra Projects Ltd (Shapoorji Pallonji Group Company)	220 MW Dual Fuel Bholā Combined Cycle Power Project Bangladesh (Civil & Structural works)	2021
Global Infra FZCO (Shapoorji Pallonji Company)	220 MW Dual Fuel Bholā Combined Cycle Power Project, Bangladesh(Mechanical , Electrical And C&I supply)	2021
SkipperSeil Limited, India	26 MW Calabar Power Plant Project, Nigeria	2021
Alghanim International General Trading & Contracting Co. WLL, Kuwait	250 MW Sabiya-1 CCGT, Kuwait (Add-on)	2021
Alghanim International General Trading & Contracting Co. WLL, Kuwait	750 MW Sabiya-3 CCGT, Kuwait	2021



Experience Profile



PROJECTS COMPLETED

CUSTOMER	PROJECT DETAILS	YOC
L&T, India/ Samsung C&T, S. Korea	400 MW Bibiyana South Combined Cycle Power Project, Bangladesh	2021
Confidential	130 MW Confidential Simple Cycle Power Project, Qatar	2021
Sargent & Lundy , USA	Preparation and Pipe Drawing Support Services for Imperial Oil's Strathcona Refinery Cogeneration Project, Canada	2020
L&T Chiyoda Limited , India/Farabi Petrochemical Company, Saudi Arabia	Services for Instrumentation Package, Non-Process & Process building and HVAC engineering Services for Farabi Project, KSA	2020
Confidential	Electrical Engineering for HRSB Package, Thailand	2020
L&T, India / Marubeni, Japan	400 MW Bibiyana-III Combined Cycle Power Project, Bangladesh	2019
Alghanim International General Trading & Contracting Co. WLL, Kuwait	40 MW upgradation of Existing Gas Turbine at Oman Cement Company (SAOG),Oman (Pre-Bid Engineering)	2019
Sargent & Lundy , USA	250MW Ghana Amandi CCPP project of METKA	2018
Confidential	Conversion of Simple Cycle Extension II & III to Combined Cycle Power Plant, Saudi Arabia	2018
Alghanim International General Trading & Contracting Co. WLL, Kuwait	500 MW Sabiya-2 SCPP, Kuwait	2018
SK E&C , S. Korea / Sargent & Lundy , USA	2x150 MW PACO Coal fired Power Project in Panama, Central America	2018
L&T Construction – Water & Solar , Qatar	Al-Shamal Sewage Treatment Works (STW), Qatar	2018



Experience Profile



CUSTOMER	PROJECT DETAILS	YOC
Sadelmi Power, Saudi Arabia	130 MW QAPCO Expansion Power Project, Qatar	2018
Alghanim International General Trading & Contracting Co. WLL, Kuwait	320 MW +/- 10 % Albagair Open Cycle Power Plant, Sudan (Pre bid engineering services)	2018
L&T, India / NWPGL, Bangladesh	360 MW Bheramara Combined Cycle Power Project , Bangladesh	2017
L&T, India / BPDB, Bangladesh	225 MW Sikalbaha Combined Cycle Power Project , Bangladesh	2017
Alghanim International General Trading & Contracting Co. WLL, Kuwait	El-Mahmoudia Add on Combined Cycle Project, Egypt (Pre-Bid Engineering)	2016
Alghanim International General Trading & Contracting Co. WLL, Kuwait	Ataqa Add on Combined Cycle Project, Egypt (Pre-Bid Engineering)	2016
Alghanim International General Trading & Contracting Co. WLL, Kuwait	750 MW Sabiya-3 CCPP, Kuwait (Pre-bid Engineering)	2016
Sembcorp Project Engineering Company, Singapore	500 MW Java Bali -3 CCPP, Indonesia (Pre-bid Engineering)	2016
Calik Energy, Turkey	2x450 MW Turakurgan CCPP, Uzbekistan (Pre-bid Engineering)	2016
Hyundai Engg & Construction Co. Ltd., S. Korea	Hamriyah Phase III Expansion Project - Two Add-On + 1CC Power Block, UAE (Pre-bid Engineering)	2016
Alghanim International, Kuwait	192 MW West Qurna-2 Simple Cycle Power Plant at Iraq (Pre bid Engineering)	2016



Experience Profile



CUSTOMER	PROJECT DETAILS	YOC
GS-E&C, S. Korea	1400 MW Supercritical Power project in North Africa (Pre bid Engineering)	2016
Alghanim International, Kuwait	500 MW (each) Sabiya and Az-zour SCPPs, Kuwait	2015
GS Engineering & Construction, South Korea	2x152 MW Moatize coal based IPP Project at Mozambique, Africa (LNTP)	2015
Samsung C&T, S. Korea / Sargent & Lundy , USA	4000 MW Qurayyah IPP Ph-I & II Combined Cycle Power Project , Saudi Arabia	2014
Arabian Bemco, Saudi Arabia / Sargent & Lundy, USA	Conversion into 3190 MW Qurayyah Combined Cycle Power Plant, Saudi Arabia	2014
International Free Co. (Shamara Group), Jordan	500 MW Sabiya Simple Cycle Power Plant at Kuwait (Pre bid Engineering)	2014
Alghanim International, Kuwait	450 MW CCPP Power Project in Middle East (Pre bid Engineering)	2014
POSCO Engg Co, S. Korea	400 MW Single Shaft based CCPP project (Pre bid Engineering)	2014
GMR Energy Limited	250 MW Combined Cycle Power Plant in Myanmar (Pre-bid Engineering & Site Assistance)	2014
Daleel Petroleum/ L&T Electromech ^{LLC} , Oman	15 MW Daleel Power Generation & Distribution facility project Ph-II, Oman	2012
DOOSAN, S. Korea	1x700 MW Supercritical Thermal Power Project, Thailand	2012
Hyundai Engg & Construction Co. Ltd., S. Korea	Reinforcement of Qurayat Power Plant Project, Saudi Arabia (Pre-bid Engineering)	2010



Experience Profile



CUSTOMER	PROJECT DETAILS	YOC
Toshiba, Japan	National Integrated Power Projects (NIPP) - 564.37 MW Calaba SCPP, 451.4 MW Ihovbor SCPP and 451.49 MW Sapele SCPP, Niger- Delta, Nigeria (BOP)	2010
Sargent & Lundy, USA	494 MW Riverside Repowering Project, Minnesota, Minneapolis, USA	2009
Arabian Bemco, Saudi Arabia / Sargent & Lundy, USA	1890 MW Qurayyah Simple Cycle Power Plant, Saudi Arabia	2009
DOOSAN, Korea	370 MW Amman East Combined Cycle Power Plant, Jordan	2009
Al-Toukhi, Saudi Arabia	2x60 MW Reinforcement of Wadi Al Dawasir Power Plant for Saudi Electricity Company, Saudi Arabia	2009
Arabian Bemco, Saudi Arabia	Riyadh Power Plant No.9 Ext. III (Block F) Tank Farm Project , Riyadh, Saudi Arabia	2008
Al-Toukhi, Saudi Arabia	250 MW Jazan Power Plant Extension Project, Jazan, Saudi Arabia (Mechanical & Elec works)	2008
Al-Toukhi, Saudi Arabia	60-80 MW Tihama Power Plant, Tihama, Saudi Arabia (Mechanical & Elec works)	2008
Al-Toukhi, Saudi Arabia	4x120 MW SCPP Riyadh Power plant PP8 Ext-III Simple Cycle (4x7FA), Riyadh, Saudi Arabia	2008
L&T- Chiyoda, India	BA Energy's Heartland Project, USA	2008
L&T, India/ Dhofar Power Co., Oman	255 MW Salalah Open Cycle Power Project, Oman	2007



Experience Profile



CUSTOMER	PROJECT DETAILS	YOC
Oman Refinery Co., Oman	2x17 MW and 100 TPH Co-generation Plant, Oman (FEED services)	2005
General Electric/ Sargent & Lundy, USA	1x500 MW Charles Poletti Combined Cycle Power Plant, New York, USA	2005
General Electric/ Sargent & Lundy, USA	1x500 MW Dresden Energy Facility Combined Cycle Power Project, Ohio, USA	2005
Pec-Tech, Singapore / Sargent & Lundy, USA	2x400 MW Xiamen Combined Cycle Power Plant Power, China	2005
General Electric/ Sargent & Lundy, USA	2x500 MW Fairless Combined Cycle Power Plant, Pennsylvania, USA	2004
L&T, India / Sojitz Kelanitissa (Private) Limited (Erst. AES Kelanitissa), Sri Lanka	1x168.1 MW Sojitz Kelanitissa (Private) Limited Combined Cycle Power Project , Sri Lanka	2003
General Electric/ Sargent & Lundy, USA	1x500 MW Possumpoint, Combined Cycle Power Plant, Virginia, USA	2003
General Electric/ Sargent & Lundy, USA	1x500 MW Combined Cycle Power Plant and 1x330 MW Simple Cycle Power Plant at John S Rainey, South Carolina, USA	2001



Experience Profile



DOMESTIC PROJECTS

L&T-Sargent & Lundy has executed numerous domestic projects for Larsen and Toubro, Lanco Group, NTPC, MPPGCL, BHEL, ADANI, NCC, IL&FS, PFC, REC, SBI, IDFC and many more. It has delivered services ranging from Detail engineering, Owners engineering, Lenders engineering, Technical due diligence, Feasibility studies and Special engineering studies.

PROJECTS UNDER EXECUTION – POWER PLANT PACKAGE

CUSTOMER	PROJECT DETAILS	YOC
L&T- MHI Boilers Pvt Ltd, India	2x660 MW Khurja Supercritical TPP (Civil, Mechanical and Electrical works SG package), Uttar Pradesh, India	2023
Larsen & Toubro Limited (L&T), India	2x660 MW Supercritical Thermal Power Project at Buxar, Bihar	2023
GE Power Systems India Private Limited	3x660 MW Supercritical Thermal Power Project at Ghatampur, Uttar Pradesh, India (STG Island)	2021
L&T- MHI Boilers Pvt Ltd, India	3x660 MW Supercritical Thermal Power Project at Ghatampur, Uttar Pradesh, India (Civil, Structural and Architectural works in SG Area and Construction Power package)	2021
L&T/ NTPC, India	2x660 MW Ultra Supercritical Thermal Power Project in Khargone district of Madhya Pradesh, India	2021



Experience Profile



PROJECTS UNDER EXECUTION – STANDALONE FGD PACKAGE

CUSTOMER	PROJECT DETAILS	YOC
Beijing SPC Environment Protection Tech Co., Ltd. and PES Engineers. Pvt. limited	5x200 MW and 2x500 MW NTPC Singrauli Thermal Power Plant FGD package	2027
Larsen & Toubro Limited (L&T), India	Piperack design for DVC FGD projects , West Bengal <ul style="list-style-type: none">- 2x600 MW Raghunathpur thermal power plant- 2x500 MW Durgapur thermal power plant- 2x500 MW Mejia thermal power plant	2021
Beijing SPC Environment Protection Tech Co., Ltd.	2x500 MW Anpara D thermal power plant FGD system, Uttar Pradesh	2023
China Datang Technology & Engineering Company (CDTE)	1x800 MW GSECL Wanakbori thermal power plant FGD system, Gujarat	2023
Larsen & Toubro Limited (L&T), India	4X500 MW NTPC Vindhyachal Thermal Power Project FGD system (Electrical package)	2023
Larsen & Toubro Limited (L&T), India	4X500 MW NTPC Vindhyachal Thermal Power Project FGD system (Civil & Structural Engineering works incl. civil design of 132kV switchyard)	2021
ISGEC/NTPC, India	2x800 MW Supercritical Thermal Power Project FGD system at Gadawara , Madhya Pradesh, India (Mechanical & Structural and Civil Engineering works)	2021



Experience Profile



PROJECTS COMPLETED

CUSTOMER	PROJECT DETAILS	YOC
L&T Heavy Engineering , India	2x660 MW (each) Obra & Jawaharpur STPP, Uttar Pradesh, India (Piping Design of Feedwater system)	2020
L&T/ MPPGCL, India	2x660 MW Supercritical Thermal Power Project at Shree Singaji TPP (Stage-II), Malwa, MP , India	2019
L&T/ RRVUNL, India	2x660 MW Chhabra Supercritical Thermal Power Project, Rajasthan, India	2019
NCC, India	2x660 MW Krishnapatnam STPP, Andhra Pradesh, India (BOP + BTG Civil)	2018
Lanco Infratech, India	2x660 MW Lanco Amarkantak Thermal Power Project, Chhattisgarh, India (BOP + BTG Mechanical)	2017
Lanco Infratech, India	2x660 MW Lanco Babandh Thermal Power Project, Orissa, India (BOP + BTG Mechanical, Electrical and C&I Engineering Services)	-
Lanco Infratech, India	2x660 MW Lanco Vidarbha Thermal Power Project, Maharashtra, India (BOP + BTG Mechanical)	-
Lanco Infratech, India	1x660 MW Tangedco Ennore Expansion TPP, Tamil Nadu, India (STG Civil)	-
L&T/ MAHAGENCO, India	3x660 MW Koradi Thermal Power Station Expansion Project, Nagpur, India	2017
L&T / APPDCL, India	2x800 MW Sri Damodaram Sanjeevaiah Super Critical Thermal Power Project at Krishnapatnam, AP, India (Steam Turbine & Generator Island)	2015



Experience Profile



CUSTOMER	PROJECT DETAILS	YOC
L&T/ Jaiprakash Power Ventures (JPVL), India	2x660 MW Jaypee Nigrie Super Thermal Coal based Power Project, Madhya Pradesh, India (Steam Turbine & Generator Island)	2015
L&T-MHPS Boilers / NTPC, India	2x660 MW NTPC Tanda Unit 5& 6 Super Thermal Coal based Power Project, Uttar Pradesh, India (Power Cycle Piping, MRHS & Compression system)	2015
L&T-MHPS Boilers / Jaiprakash Power Ventures (JPVL), India	2x660 MW Jaypee Nigrie Super Thermal Coal based Power Project, Madhya Pradesh, India (Boiler & Auxiliaries Island)	2015
L&T/ D B Power, India	2x600 MW Coal based Power Project, Chhattisgarh, India (BOP and BTG Civil)	2015
L&T/ Nabha Power, India	2x700 MW Rajpura Super-Thermal Power Project, Punjab, India	2014
L&T/ GSECL, India	375 MW Dhuvaran Phase III Combined Cycle Power project in Gujarat, India	2014
Lanco Infratech, India	2x660 MW Moser Baer Power Project, Annupur, Madhya Pradesh, India (Electrical Engineering Services)	2014
Lanco Infratech, India	2x660 MW Lanco Babandh Thermal Power Project, Orissa, India (Electrical Engineering Services)	2017
Jhabua Power, India	2x600 MW Jhabua Thermal Power Project at Seoni, MP, India (Chimney Design services)	2010
Thermax, India	2x150 MW CFBC Boiler based Thermal Power Plant at Krishnapattnam, AP, India (Mechanical & Electrical Works)	2011



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CUSTOMER	PROJECT DETAILS	YOC
L&T/ GMR Rajahmundry Energy, India	2x384 MW GMR Rajahmundry Energy Combined Cycle Power Project (Vemagiri – Phase II), Andhra Pradesh, India	2012
L&T- Water Process Technology SBU / DVC, India	2x500 MW Mejia Phase-II, Unit 1&2, Coal-based Thermal Power Project, Durgapur, WB, India (Water System)	2011
L&T/ IOCL, India	238.35 MW Co-gen Power Plant of IOCL Panipat Naphtha Cracker Project (PNCP) at Panipat, Haryana, India	2010
Indiabulls Power, India	5x270 MW Thermal power station, Amravati, Maharashtra, India (Chimney Design services)	2010
Lanco Infratech, India	2x660 MW Lanco Babandh Thermal Power project in Orissa, India (Chimney Design services)	2017
Lanco Infratech, India	2x660 MW Lanco Vidarbha Thermal Power Project in Maharashtra, India (Chimney Design services)	2017
L&T-Construction-EDRC, India	Coal Handling Plant of Adani Power, Tiroda, India	2010
Indiabulls Realtech, India	5x270 MW Thermal power station at Nasik, Maharashtra, India (Chimney Design services)	2010
Zelan Projects, Malaysia	2x300 MW Lanco Amarkantak Mega Thermal Power Station at Pathadi, Chhattisgarh, India (BOP)	2010
BHEL, India	210 MW Amarkantak Coal Based Thermal Power Plant, Madhya Pradesh, India	2010
L&T/ KEOPL, India	445 MW Konaseema Combined Cycle Power Plant, Andhra Pradesh, India	2010



Experience Profile



CUSTOMER	PROJECT DETAILS	YOC
BHEL, India	2x250 MW Korba East Thermal Power Plant, Korba, Chhattisgarh, India	2008
L&T/ VPGL, India	388.5 MW Vemagiri CCPP, Andhra Pradesh, India	2006
L&T/ Delhi Vidhyut Board, India	330 MW Pragati Combined Cycle Power Project, Delhi, India	2003
L&T/ Usha Martin, India	25 MW Coal Based Captive Power Plant, Jamshedpur, Jharkhand, India	2001
L&T-GTFB / HPL Cogeneration, India	116 MW Haldia Combined Cycle Co-Generation Power Plant, Haldia, West Bengal, India	2000
Gujarat Cement Works, India	50 MW Liquid Fuel Based Captive Combined Cycle Power Plant, Pipavav, Gujarat, India	2000
L&T-GTFB / IPCL, India	2x45 MW IPCL Co-generation Power Plant, Gandhar, Gujarat, India	1999
Renusagar Power Company/ L&T-PPED, India	77 MW Regenerative system Renusagar Thermal Power Station, India	1998
L&T/ Awarpur Cement Works, India	2x23 MW Coal Based Captive Power Plant, Awarpur, Maharashtra, India	1998
Bhilai Power Supply Co., Madhya Pradesh, India	2x287 MW Coal Based Thermal Power Plant at Bhilai, Madhya Pradesh, India	-

