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Renewable Energy Services

Engineering the Power of Nature

L&T-S&L

L&T-Sargent & Lundy Limited

Joint Venture Partners – The Power of Two

L&T–Sargent & Lundy Limited (L&T-S&L) provides engineering and consulting services to electric power businesses across the globe. A joint venture of Larsen & Toubro Limited, India and Sargent & Lundy L.L.C, USA, the Company has been in operation since 1995. It combines deep domain expertise, internationally-aligned systems and processes, as well as unique 3D modeling techniques to converge technical consultancy with high-end solutions and delivery.

Larsen & Toubro Limited, India (L&T) is a major technology, engineering, construction, manufacturing and financial services conglomerate, with global operations. L&T addresses critical needs in key sectors – Hydrocarbon, Power, Infrastructure, Process Industry and Defence. The Company's products are exported to over 30 countries worldwide.

Sargent & Lundy L.L.C, USA (S&L), with over 125 years of experience in providing engineering services exclusively focused on power, is acknowledged as a premier force worldwide. S&L has extensive and credible consulting experience for gas-based open and combined-cycle projects, coal-based and environment projects, renewable energy and nuclear projects. S&L has been continuously ranked among the top five US-based firms in Power by *Engineering News Record* (ENR).

L&T-S&L offers the complete gamut of power plant engineering and consultancy services – ranging from concept to commissioning and beyond.

- Basic & Detail Engineering
- Owner's Engineering
- Lender's Engineering
- Power System Studies
- Special Consulting Studies
- Substation Engineering
- Renewable Energy Services
- Renovation and Modernisation
- AQCS Consulting Services

The Power Of Nature

As the world faces the challenges of environmental crises and the depletion of fossil fuels, it becomes important to identify and promote renewable energy sources that propel sustainable growth.

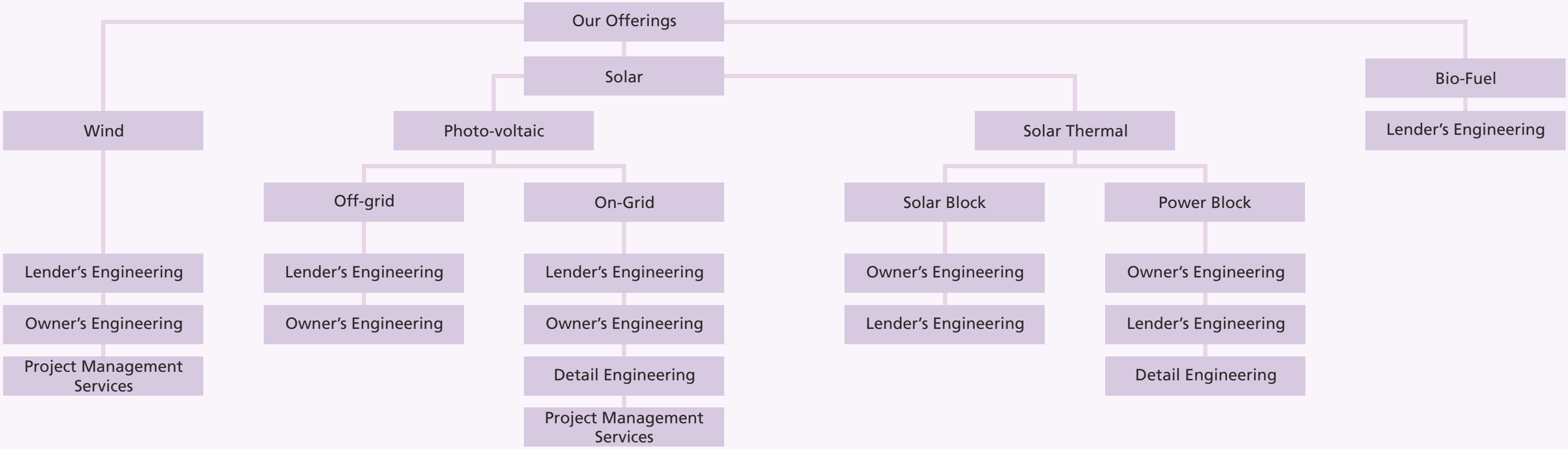
Sensitive to these emerging demands, L&T-S&L helps Power project developers and EPC contractors deploy environment-friendly Power generating technologies by assisting them in setting up renewable energy projects in the Wind, Solar and Biomass sectors.

Expertise and Experience

Team L&T-S&L comprises over **450** multi-skilled engineers and designers, who are specialists in the field of conventional and non-conventional energy, covering all facets of engineering and project management. We provide innovative, customized solutions for technical as well as commercial aspects of your project.

Your project benefits from our rich experience in sustainable energy solutions and our expertise in the entire value-chain. We help you tackle all aspects of renewable energy – from inception to commissioning and beyond.

Full-spectrum Engineering Services for Renewable Energy



Wind Energy Services

Owner's Engineering

- Site assessment and suitability study
- Conceptual design
- Technology evaluation and selection
- Project feasibility study
- Detailed project report
- Preparation of tender specification
- Technical bid evaluation
- Project management and co-ordination
- Field engineering services and inspection
- Commissioning activity support
- Technical support for PG testing
- Evacuation system design and studies
- Project documentation review
- Project progress review
- Project O&M review

Lender's Engineering

- Phase-1: Techno-commercial due diligence
- Phase-2: Construction monitoring
- Phase-3: Performance testing
- Phase-4: O&M review

Project Management Services

- Construction management
- Field engineering
- Start-up, commissioning
- O&M consultancy
- Quality assurance / inspection and testing services

Special Consulting

- Technical audit
- Wind resource assessment
- Due diligence

Solar Energy Services

Owner's Engineering

- Site assessment and suitability study
- Conceptual design
- Technology evaluation and selection
- Project feasibility study
- Detailed project report
- Preparation of tender specification
- Package interface engineering
- Technical bid evaluation
- Project management and co-ordination
- Field engineering services and inspection
- Commissioning activity support
- Technical support for PG testing
- Evacuation system design and studies
- Project documentation review
- Project progress review
- Project O&M review

EPC Contractor's Engineering

- Front-end Engineering Design (FEED)
- Detailed Engineering: Photo-voltaic (PV) and Solar Thermal (Power Block + BOP)

Special Consulting

- Solar Resource Assessment and Energy Yield Estimation
- Advisory for technical and commercial bids for IPPs / Promoters / Investors

Project Management Services

- Construction management • Field engineering
- Start-up, commissioning • O&M consultancy
- Quality assurance / inspection and testing services

Lender's Engineering

- Phase-1: Techno-commercial due diligence • Phase-2: Construction monitoring • Phase-3: Performance testing • Phase-4: O&M review

State-of-the-art software used for Wind and Solar Energy Projects • PVsyst • RETSCREEN • SAM • Thermoflex • WAsP • Meteonorm • NASA

SELECT REFERENCES

WIND ENERGY PROJECTS

OWNER'S ENGINEERING SERVICES

CUSTOMER	PROJECT DETAILS	NO. OF WTG & MAKE, CAPACITY
Sprng Energy Private Limited	OE services for 300 MW under construction Wind Project, Tamil Nadu, India	100 Nordex make 3 MW AW140 WTGs
Sprng Energy Private Limited	OE Services for 197.5 MW under construction Wind Power Project, Gujarat, India	79 Envision make 2.5 MW WTGs
Orange Renewable Power Private Limited	OE Services for 200MW under construction Wind Power Project, Tamil Nadu, India	100 Gamesa make G114, 2.0 MW WTGs
Ecoren Energy India Private Limited	OE Services for 25.3 MW under construction Wind Power Project at Nelakota, Tamil Nadu, India	11 GE make 2.3 MW WTGs
Jath Wind Energy Private Limited / L&T Infrastructure Finance Company	PMC Services for 30 MW operational Wind Power Project in Maharashtra, India	15 INOX Wind make WT 2000 DF, 2.0 MW WTGs
Orange Powergen	EPCM Services for 50 MW operational Wind Power Project at Bercha, Madhya Pradesh, India	25 Gamesa make G97, 2.0 MW WTGs
Orange Powergen	EPCM Services for 200 MW operational Wind Power Project at Sangli, Maharashtra, India	100 Gamesa make G97, 2.0 MW WTGs

LENDER'S ENGINEERING SERVICES

PROJECTS ABOVE 250 MW CAPACITY

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Vivid Solarie Energy Private Limited (VSEPL) / L&T Infrastructure Finance, India	252 MW Wind power project in Tamil Nadu, India	126 Vestas make V120-2.0 MW WTGs
Renew Wind Energy AP 2 Private Limited / Asian Development Bank, India	400MW Wind Power Project in Gujarat, India	120 GE make 2.5-132 WTGs 48 Suzlon make SG122 2.1 MW WTGs

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Mytrah Vayu (Sabarmati) Private Limited / L&T Infrastructure Finance Company	252 MW UC Wind project in Tamil Nadu, India	105 GE make 2.4 MW WTGs

PROJECTS BETWEEN 250 MW & 100 MW CAPACITY

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Renew Vayu Urja Pvt Ltd / Guarantco UK	103.10 MW Operational Wind Projects in Andhra Pradesh, India	12 Gamesa G97-2.0 MW WTGs 20 Gamesa G114-2.0 MW T106 WTGs 23 GE make 1.7 MW WTGs
Energon RJ Wind Power Pvt. Ltd. / L&T Infrastructure Finance, India	108 MW Operational Wind Project in Madhya Pradesh, India	54 Gamesa make G97-2.0 MW WTGs
Energon Power Resources Private Limited (Vena Energy Power Resource Pvt. Ltd.) / L&T Infrastructure Finance, India	154 MW Operational Wind Project in Andhra Pradesh, India	77 Gamesa make G97 2.0 MW WTGs
Ostro Anantapur Private Limited (ReNew Gp.) / Yes Bank	100 MW Operational Wind Power Project, Andhra Pradesh, India	33 Gamesa make G97-2.0 MW WTGs
Sprng ALT Energy Private Limited / Piramal Capital	197.5 MW Wind Power Project, Gujarat, India	79 Envision make 2.5 MW WTGs
Mytra Vayu Tungabhadra / Power Finance Corporation Limited	148.9 MW wind power project, Andhra Pradesh, India	47 GE make 1.7MW WTGs 30 GE make 2.3MW WTGs
Inox Wind Infrastructures Services Ltd. / State Bank of India	150 MW Wind power project, Gujarat	75 Inox make, 2.0 MW WTGs
Axis Wind Farms (Rayalaseema) Private Limited / L&T Infrastructure Finance,	105 MW Wind Power Project, Andhra Pradesh, India	50 Suzlon make S-97, 2.1 MW WTGs

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Bothe Wind Farms Limited / Power Finance Corporation Limited	199.7 MW wind project Maharashtra, India	40 Vestas make V-100, 2.0 MW WTGs 57 Suzlon make S-97, 2.1 MW WTGs
Watsun Infrabuild Pvt. Ltd/ L&T Infrastructure Finance Company	150 MW U/c wind project in Tamil Nadu, India	75 Vestas make V100 2.0 MW WTGs
Mytrah Vayu (Indravati) Pvt. Ltd. / Yes Bank	155.4 MW wind operational projects in Andhra Pradesh and Rajasthan, India	74 Suzlon make S-97 90m 2.1 MW WTGs
Mytrah Vayu (Godavari) Pvt Ltd/ L&T Infrastructure Finance Company	100.8 MW Wind Power Project, Telangana, India	47 Suzlon make S11X, 2.10 MW WTGs 1 Suzlon make S97, 2.10 MW WTGs
Axis Wind Farms (Anantapur) Private Limited / L&T Infrastructure Finance Company	105 MW Wind Power Project at Anantapur, AP	21 Suzlon make S11X, 2.10 MW WTGs
Hero Future Energies Pvt. Limited/ Kotak Mahindra Bank	120MW Wind Project in Andhra Pradesh, India	60 Gamesa make G114 2 MW WTGs
Helios Infratech Pvt Ltd/ IndusInd Bank Limited	100.8MW wind power project in Andhra Pradesh, India	48 Suzlon make S97, 2.10 MW WTGs
Mytrah Vayu (Tungabhadra) Pvt. Ltd./ IDFC Bank Ltd	148.9 MW wind power project at Aspiri, Kurnool, Andhra Pradesh, India	47 GE make 1.7MW WTGs 30 GE make 2.3MW WTGs
Renew Wind Energy (Sipla) Private Limited	110MW wind power project in Karnataka, India	25 Suzlon make G97, 2.10 MW WTGs 30 Gamesa make G97 2.0 MW WTGs
Saipuram Wind Energies Pvt. Ltd. (Greenko Group), India/ IDFC Bank	199 MW wind in Andhra Pradesh, India	50 Suzlon make S97, 2.10 MW WTGs 47 Gamesa make G114 , 2.0 MW WTGs
Devarahipparigi Wind Power Private Ltd /IL&FS, India	100 MW Wind Power project in Karnataka, India	50 Gamesa make G114, 2.0 MW WTGs

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Axis Wind Farms (MPR Dam) Pvt. Ltd / Yes Bank Ltd., India	100 MW Wind Power project in Andhra Pradesh, India	50 Gamesa make G114, 2.0 MW WTGs
Mytrah Vayu / L&T Infrastructure Finance, India	101.4 MW Wind Power Project in Andhra Pradesh, India	30 GE make, 1.7 MW WTGs 24 Suzlon make S97, 2.10 MW WTGs
Energon / L&T Infrastructure Finance, India	108 MW Wind Power Project in Madhya Pradesh, India	54 Gamesa make G97, 2.0 MW WTGs
Bothe Windfarm Development Pvt. Ltd. /Yes Bank, India	199.7 MW Wind based Power Project at Satara, Maharashtra, India	40 Vestas make V-100, 2.0 MW WTGs 57 Suzlon make S-97, 2.1 MW WTGs
Vyshali Energy (Greenko Group)/ Axis Bank, India	100 MW Wind Power Project at Bijapur, Karnataka, India	50 Gamesa make G97, 2.0 MW WTGs
Energon Soleq Power Resources /L&T Infrastructure Finance, India	100 MW Wind Power Project at AP, India	50 Gamesa make G97, 2.0 MW WTGs
Continuum Energy (IFC Funded Project)	170 MW Wind Power Project at Ratlam, MP (2 sites, DJEPL & UUPPL) , India	85 Inox make WT2000DF100, 2.0 MW WTGs
Tanot Wind (Greenko Group) / IL&FS Financial Services , India	Phase-I (60 MW) of the 120 MW Wind Power Project near Jaisalmer, Rajasthan, India	30 Gamesa make G97, 2.0 MW WTGs
Welspun Energy / State Bank of India	126 MW Wind Power Project at Pratapgarh, Rajasthan, India	40 GE make XLE, 1.6 MW WTGs 31 Gamesa make G97, 2.0 MW WTGs
Mytrah Energy / State Bank of India	137.7 MW wind power project in Karnataka and Andhra Pradesh, India	162 Gamesa make G58, 850 kW WTGs
Bothe Windfarm Development/ State Bank of India	199.7 MW Wind Power project in Satara, Maharashtra, India	40 Vestas make V-100, 2.0 MW WTGs 57 Suzlon make S-97, 2.1 MW WTGs

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Rayala Wind power (Greenko Group) / IDFC, India	101.2 MW Wind Power Project in Anantapur, AP, India	32 GE make 1.6xle, 1.6 MW WTGs 25 Gamesa G-97, 2.0 MW WTGs
Fortune Five Hydel Projects Private Limited (Greenko Group) / Oriental Bank of Commerce, India	101.2 MW Wind Power Project in Bijapur, Karnataka, India	32 GE make 1.6xle 1.6 MW WTGs 25 Gamesa G-97, 2.0 MW WTGs

PROJECTS BELOW 100 MW CAPACITY

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Jodhpur Wind Farms Pvt. Ltd. (Torrent Power) / State Bank of India	60 MW under construction wind projects in Karnataka	30 Gamesa make G97 -2.0 MW WTGs
Latur Renewable Pvt. Ltd. (Torrent Power) / State Bank of India	60 MW under construction wind projects in Karnataka	30 Gamesa make G97 -2.0 MW WTGs
Industrial Finance Corporation in India (IFCI) Limited / ReNew Wind Energy (AP) Private Limited	40 MW under construction Wind Power Project in Karnataka	20 Gamesa make G97 -2.0 MW WTGs
Molagavalli Renewable Private Limited / Catalyst Trusteeship Limited, India	46 MW Wind Power Project in Andhra Pradesh, India	23 Gamesa make G97 -2.0 MW WTGs
Wind World Wind Farms Ltd. / Yes Bank , India	24.2 MW Wind project in Karnataka, India	29 WWIL make 600 kW E40 WTGs 4 WWIL make 800 kW E53 WTGs
Energon KN Wind Power Pvt. Ltd. / L&T Infrastructure Finance, India	46 MW Operational Wind Project in, Karnataka	23 Vestas make V110 2.0 MW WTGs
Vayuputhra Energy Private Limited (Greenko Gp.) / L&T Infrastructure Finance, India	20 MW Wind Power Project, Andhra Pradesh, India	10 Gamesa make G90-2.0 MW WTGs

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Guttaseema Wind Energy Company Pvt. Ltd. (Greenko Gp.) / L&T Infrastructure Finance, India	80 MW Wind Power Project, Andhra Pradesh, India	40 Gamesa make G97-2.0 MW WTGs
Kanak Renewables Limited & Rajat Renewable Limited (ReNew Gp.) / Yes Bank	60MW Operational Wind Project, Rajasthan	75 E53 Enercon 800kW WTGs
Ostro Jaisalmer Private Limited (ReNew Gp) / Yes Bank	50.4 MW Operational Wind Power Project, Rajasthan	24 Suzlon make S-97, 2.1 MW WTGs
Ostro Urja Wind Private Limited (ReNew Gp) / Yes Bank	66 MW Operational Wind Power Project, Madhya Pradesh, India	33 Gamesa make G97-2.0 MW WTGs
Ostro Madhya Wind Private Limited (ReNew Gp) / Yes Bank	92 MW Operational Wind Power Project, Madhya Pradesh, India	46 Inox make DF-2000-RD100, 2.0 MW WTGs
AVP Powerinfra Private Limited (ReNew Gp) / Yes Bank	27.3 MW Operational Wind Power Project, Madhya Pradesh, India	13 Suzlon make S-97, 2.1 MW WTGs
Badoni Power Private Limited (ReNew Gp) / Yes Bank	29.4 MW Operational Wind Power Project, Madhya Pradesh, India	7 Suzlon make S111, 2.1 MW WTGs 7 Suzlon make S97, 2.1 MW WTGs
Kanak Renewables Limited (ReNew Energy) / Yes Bank	46.2 MW Wind Project in Karnataka, India	22 Suzlon make S111-90m WTGs
Rajat Renewables Limited (ReNew Energy) / Yes Bank	50.4 MW Wind Project in Karnataka, India	24 Suzlon make S97-120m WTGs
Panama Wind Energy Godawari Private Limited / L&T Infrastructure Finance, India	80 MW Operational Wind Project, Maharashtra, India	40 Gamesa make G97-2.0 MW WTGs
ReNew Wind Energy (Rajasthan One) Private Limited /Catalyst Trusteeship Limited	30MW Operational Wind Project, Rajasthan, India	15 Inox make WT2000DF, 2.0 MW WTGs

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Green Infra Wind Energy Ltd. (Sembcorp Group) / Bank of Baroda	90 MW greenfield Wind Farm Project in Gujarat, India	45 INOX make WT2000DF/113, 2.0 MW WTGs
Sun Photo Voltaic Energy India Private Limited / L&T Infrastructure Finance Company	78 MW Wind Power Project in Karnataka, India	26 Acciona make 3 MW WTGs
ReNew Power Ventures Pvt. Limited / Yes bank	50MW Amba-1 Project, Madhya Pradesh	25 Gamesa make G114 - 2.0 MW WTGs
Green Infra Wind Solutions Limited / PTC India Financial Services Ltd	49.5MW Wind Power Project in Andhra Pradesh, India	33 Regen VENSYS 87 1.5 MW WTGs
Renew Power Venture Pvt. Ltd / Kotak Mahindra Bank	80MW Wind project in Sadla, Gujarat, India	40 INOX make WT2000DF/113, 2.0 MW WTGs
ReNew Wind Energy (Rajasthan) Private Limited / L&T Infrastructure Finance Company	18MW Wind Power Project in M.P. , India	12 Regen VENSYS 87 1.5 MW WTGs
Fujin Wind Parks Pvt. Ltd / Tata Cleantech Capital Limited	46 MW wind power project at Kadapa, Andhra Pradesh, India	20 GE make 2.3MW WTGs
Narmada Wind Energy Pvt. Ltd.	50MW wind power project in Gujarat, India	25 Gamesa make G97, 2.0 MW WTGs
Renew Wind Energy (Shivpur) Private Limited Axis Bank, India	44.1MW wind power project in Andhra Pradesh, India	21 Suzlon make S97, 2.10 MW WTGs
Green Infra Wind Power Generation Co. Ltd., India	84 MW Wind farm in Karnataka , India	42 Gamesa make G114, 2.0 MW WTGs
PTC India Financial Services, India	25.6 MW Wind Power project in Karnataka, India	32 Wind World make WW-53, 0.8 MW WTGs
ReNew Power / PTC India Financial Services Limited	44 MW wind power project, India	Suzlon make S97, 2.10 MW WTGs
ReNew Power /L&T Infrastructure Finance, India	23.1 MW Wind Power Project at Welturi, Maharashtra, India	11 Suzlon make S97, 2.10 MW WTGs

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Mytrah Energy / State Bank of India	10.4 MW Burgula Ext Wind Power Project in Andhra Pradesh, India	13 Wind World make WW53, 800 kW WTGs
NSL Renewable/L&T Infrastructure Finance, India	34.5 MW & 37.5 MW Wind Power Projects at Satara, Maharashtra, India	48 REGEN make VENSYS 87, 1.5 MW WTGs
Greenko Group / L&T Infrastructure Finance, India	34 MW Wind Power Project at Bijapur, Karnataka, India	17 Gamesa make G97, 2.0 MW WTGs
ZR Renewable Energy/ PTC India Financial Services	16 MW Wind Power Project at Ananthapur, Andhra Pradesh, India	8 Inox make WT2000DF93/80, 2.0 MW WTGs
Sun Edison / L&T Infrastructure Finance, India	2x24 MW Wind Power Project at Andhra Pradesh, India	24 Gamesa make G97, 2.0 MW WTGs
Energon Soleq India/ L&T Infrastructure Finance, India	50 MW Wind Power Project at Patan, Gujarat, India	25 Gamesa make G97, 2.0 MW WTGs
Mytrah Vayu (Godavari)/ IDFC, India	98.7 MW Wind Power Project at Nazeerabad, Telangana, India	47 Suzlon make S97, 2.10 MW WTGs
Mytrah Vayu (Gujarat)/ Bank of Maharashtra, India	50.4 MW Wind Power Project at Anjanadi, Maharashtra, India	24 Suzlon make S97, 2.10 MW WTGs
Renew Wind Energy (Rajasthan) Private Limited / L&T Infrastructure Finance, India	30 MW Wind Power Project at Sangli, Maharashtra, India	20 REGEN make VENSYS 87, 1.5 MW WTGs
Renew Wind Energy (Rajkot) Private Ltd / L&T Infrastructure Finance, India	45 MW Wind Power Project at Vaspet, Maharashtra, India	30 REGEN make VENSYS 87, 1.5 MW WTGs
Animala Wind Power (Greenko Group) /L&T Infrastructure Finance, India	60 MW Wind Power Project at Kadapa, Andhra Pradesh, India	30 Gamesa make G97, 2.0 MW WTGs
Renew Wind Energy (Karnataka) Pvt Ltd / L&T Infrastructure Finance, India	50.4 MW Wind Power Project at Jogihali, Karnataka, India	63 Wind World make WW 53, 800 kW WTGs

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS	NO. OF WTG, MAKE & CAPACITY
Energon MP Wind Power / L&T Infrastructure Finance, India	26 MW Wind Power Project at Madhya Pradesh, India	13 Gamesa make G97, 2.0 MW WTGs
Rayalaseema Wind Energy (Greenko Group) /Tata Cleantech Capital, India	10 MW Wind Power Project of at Anantapur, Andhra Pradesh, India	5 Gamesa make G97, 2.0 MW WTGs
ReNew Power/ PTC India Financial Services, India	50.4 MW Wind Power Project at Jaisalmer, Rajasthan	63 Wind World make WW-53, 800 kW WTGs
Clean Wind Power (Hero Group)/ State Bank of India	74 MW Wind Power Project at Sangli, Maharashtra, India	37 Inox Wind make WT 2000 DF, 2.0 MW WTGs
PTC India Financial Services, India	34.50 MW (Tulip Renewable) and 35.20 MW (Orchid Renewable) Wind Power Projects in Tamil Nadu, India	23 Suzlon make S82 WTGs of various capacities
Mangalore Energies (Greenko Group)/ IL&FS Financial Services , India	15 MW Wind Power Project at Bijapur, Karnataka, India	10 REGEN make VENSYS 87, 1.5 MW WTGs
Rayala Wind Power (Greenko Group)/ IDFC, India	50 MW Wind Power Project at Anantapur, Andhra Pradesh, India	25 Gamesa make G97, 2.0 MW WTGs
Tata Power Renewable Energy / State Bank of India	32 MW Wind Power Project at Satara, Maharashtra, India	16 Kenersys make K-82, 2.0 MW WTGs
ReNew Power (AP) /State Bank of India	18 MW Wind Power Project at Chikodi, Belgaum, Karnataka	9 Gamesa make G97, 2.0 MW WTGs
ReNew Power / Yes Bank, India	50.4 MW wind project of, at Tadas Karnataka, India	63 Enercon make E-53, 800 kW WTGs
ReNew Power / PTC India Financial Services, India	28 MW Wind Power Project of at Satara, Maharashtra	14 Kenersys make K- 82, 2.0 MW WTGs
ReNew Energy / L&T Infrastructure Finance, India	50.4 MW Wind Energy Project of at Beed, Maharashtra, India	24 Suzlon make S-97, 2.1 MW WTGs
Ratnagiri Wind Power Projects(Greenko Group)/ IDFC, India	65.6 MW Wind farm power project of in Satara district, Maharashtra, India	41 GE make 1.6xle, 1.6 MW WTGs
AES Saurashtra /IDFC, India	39.2 MW Wind farm power project at Gujarat, India	49 Enercon India make E-53, 800 kW WTGs

SELECT REFERENCES

CONSULTANCY SERVICES

CUSTOMER	PROJECT DETAILS	NO. OF WTG & MAKE, CAPACITY
Continuum Wind Energy	TEV/DD Report for re-finance purpose for 150 MW wind power project in Tamil Nadu, India	-
ReNew Wind Energy (Rajasthan One) Private Limited /Catalyst Trusteeship Limited	Technical Due Diligence for 40 MW operational Wind Power Project, Madhya Pradesh, India	20 INOX make WT2000DF, 2.0 MW WTGs
Narmada Wind Energy Private Limited /Catalyst Trusteeship Limited	Technical Due Diligence for 50 MW operational Wind Power Project, Gujarat, India	25 Gamesa G97 2.0MW WTGs
Lalpur Wind Energy Private Limited	Technical Consultancy Services for 38.4 Wind Power Project in Rajasthan, India	Enercon India make E-53, 800 kW WTGs
Narmada Wind Energy Private Limited /Catalyst Trusteeship Limited	Technical Due Diligence for 8 MW operational Wind Power Project, Madhya Pradesh, India	4 Gamesa G97 2.0MW WTGs
IL&FS, India	Due Diligence for 10 Wind farm Projects located in Rajasthan, Gujarat, Maharashtra, Madhya Pradesh, Tamil Nadu and Andhra Pradesh	Enercon India make E-53, 800 kW WTGs
International Finance Corporation, USA	Creating Power evacuation systems of proposed 587 MW wind energy projects by Enercon India to be installed in Karnataka and Rajasthan, India	Enercon India make E-53, 800 kW WTGs
Lalpur Wind Energy Private Limited	Technical Consultancy Services for 38.4 Wind Power Project in Rajasthan	Enercon India make E-53, 800 kW WTGs

SELECT REFERENCES

SOLAR ENERGY PROJECTS

DETAILED ENGINEERING SERVICES

CUSTOMER	PROJECT DETAILS
Pan India Infraprojects Private Limited (Essel Saurya Urja Company of Rajasthan Limited)	Detailed Engg.'s Services for 750 MW Rajasthan solar park for BOP systems (Utility Area, Water supply project & distribution package)

OWNER'S ENGINEERING SERVICES

CUSTOMER	PROJECT DETAILS
Renew Solar Power Private Limited / REC	PMA assignment for 250MW Solar PV Project in Rajasthan
Pan India Infraprojects Private Limited (Essel Infra) / L&T Infrastructure Finance Company	PMC services for 40 MW UP Koraun Urja Pvt. Ltd Solar PV Project, Uttar Pradesh, India
Pan India Infraprojects Private Limited (Essel Infra)	PMC services for 40 MW Mehrauni 1 Solar Project, Uttar Pradesh
Pan India Infraprojects Private Limited (Essel Infra)	PMC services for 40MW and 20MW Solar PV projects, Maharashtra
Dynasty Oil & Gas Private Limited	Owner's Engineering services for 10 MW Solar PV project in Afghanistan
Jaguar Overseas Limited	Owner's Engineering services for 20 MW Solar PV project in Maharashtra, India
Photon Sunbeam Pvt. Ltd.(Photon Surya Group)	Owner's Engineering services for 50 MW Solar PV project in Punjab
SEI Aditi Power Pvt Ltd (SunEdison Group) / L&T Infrastructure Finance Company	PMC Services for 60MW solar project in Karnataka
AGV Solar Power Project Pvt Ltd	Owner's Engineer services for 2MW canal based solar PV project

SELECT REFERENCES

LENDER'S ENGINEERING SERVICES

PROJECTS ABOVE 250 MW CAPACITY

CUSTOMER	PROJECT DETAILS
Adyah Solar Energy Private Limited (ReNew Energy) / L&T Infrastructure Finance Company	300 MW UC Solar Project at Pavagada Solar Park, Karnataka, India
Sprng Agnitra Private Limited / L&T Infrastructure Finance Company	250 MW UC Solar Project, Ananthpuram Ultra Mega Solar Park, Andhra Pradesh, India
Arinsun Clean Energy Private Limited (Sprng Energy group) / IFC	250 MW UC Solar PV Plant in Rewa, Madhya Pradesh, India
Saurya Urja Company of Rajasthan Limited (SUCRL) / State Bank of India Project Finance SBU	1000 MW UC Solar Park in Rajasthan, India

PROJECTS BETWEEN 250 MW & 100 MW CAPACITY

CUSTOMER	PROJECT DETAILS
Shapoorji Pallonji Infrastructure Capital Company / L&T Infra Debt Fund Limited	100 MW (BoP) operational Solar PV Project, Telangana, India
Tirunveli Solar Project Private Limited / L&T Infrastructure Finance Company	100 MW solar Power Project in Tamil Nadu, India
Energon Soleq Ravi India Power Resources Private Limited / L&T Infrastructure Finance Company	100 MW Solar PV Project BOP, Karnataka, India
Clean Solar Power (Gulbarga) Private Limited (Hero Futures Energies group) / L&T Infrastructure Finance Company	200MW Solar PV Project in Karnataka, India
Adani Green Energy (UP) Limited / ICICI Bank	240MW Solar PV Project in Karnataka, India
Energon Soleq India Power Resources / L&T Infrastructure Finance Company	100 MW Solar Plant in Telengana , India

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS
Azure Power India Pvt. Ltd. / IL&FS Financial Services	100 MW Solar PV Project in Andhra Pradesh, India
Welspun Energy / Bank of Baroda, India	200 MW Solar PV Project at Panchampatti, Iyyermalai & Kayathar sites in Tamil Nadu, India
Welspun Energy / State Bank of India	100 MW Solar PV Project at Trichy, Tamil Nadu, India

PROJECTS BELOW 100 MW CAPACITY

CUSTOMER	PROJECT DETAILS
Shapoorji Pallonji Infrastructure Capital Company / L&T Infra Debt Fund Limited	34 MW (BoP) operational Solar PV Project, Telangana, India
Shapoorji Pallonji Infrastructure Capital Company / L&T Infra Debt Fund Limited	50 MW (BoP) operational Solar PV Project, Rajasthan, India
Watsun Infrabuild Private Limited / State Bank of India	77 MW Solar Project, Tamil Nadu, India
ReNew Group (Ostro Assets) / Yes Bank	50 MW operational Solar Power Project in Telengana, India (Prathamesh Solarfarms Limited)
Universal Saur Urja Pvt. Ltd. (Sindicatum Gp.) / L&T Infrastructure Finance Company	30 MW each operational solar PV projects in Rajasthan and Uttar Pradesh
Prathamesh Solarfarms Limited(ReNew Gp) / Yes Bank	50 MW Operational Solar Power Project in Telengana, India
L&T IDFC / Axis Bank / Greenko Gp.	89 MW AC (102.15 MW DC) solar PV project BOP assessment, Telangana & Andhra Pradesh, India
Azure Power Forty Four Pvt. Limited / State Bank of India	26 MW Rooftop Solar Power Project for Indian Railways, India
Lexicon Vanijya Private limited (ReNew Wind Energy) / Catalyst Trusteeship Limited	10 MW Solar PV Project in Rajasthan, India

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS
Sungold Energy Private Limited (ReNew Wind Energy) /Catalyst Trusteeship Limited	5 MW Solar PV Project in Rajasthan, India
Star Solar Power Private Limited (ReNew Wind Energy) /Catalyst Trusteeship Limited	5 MW Solar PV Project in Rajasthan, India
Symphony Vyapaar Private Limited (ReNew Wind Energy) /Catalyst Trusteeship Limited	10 MW Solar PV Project, Rajasthan, India
Vishvarupa Solar Power Limited (Greenko group)	10 MW Solar Under-Const. Project, Telangana, India
Clean Max Power Projects Private Limited/ L&T Infrastructure Finance Company	30 MW operational solar PV project, Tamil Nadu, India
Refex Energy Limited/IndusInd Bank	50 MW Solar Power plant, India
Today Green Energy Pvt. Ltd/ IndusInd Bank Limited	50 MW Solar Power plant in Rajasthan, India
Pan India Infraprojects Private Limited, India/ L&T Infrastructure Finance Company	40 MW Solar PV Project in Odisha, India
Asian Hotels West Limited/ PTC India Financial Services Limited, India	1 MW Solar PV Project, Maharashtra, India
Dakshin Odisha Urja Private Limited/Vento Power & Energy Limited (Essel infra Group) / L&T Infrastructure Finance Company	LIE and PMC Services for 2x40 MW Solar Project, Odisha, India
KVK Bio Energy Pvt. Ltd./L&T Infrastructure Finance Company Limited	15 MW Operational Biomass Plant, Chhattisgarh, India
Sadipali Solar Private Limited (IBC Solar group)/ L&T Infrastructure Finance Company	20 MW solar PV, Odisha, India

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS
OPG Energy Pvt. Ltd./ L&T Infrastructure Finance Company	5 MW Operational Project, Rajasthan, India
Swiss Park Vanijya Pvt. Ltd/ L&T Infrastructure Finance Company	5 MW Operational Solar PV Project , Rajasthan, India
Clean Solar Power (Tumkur) Private Limited/ Adiyta Birla Finance	9x20 MW Solar PV Project, Karnataka, India
Fermi Solarfarms Pvt Ltd./ L&T Infrastructure Finance Company	80 MW (AC) Solar PV Power Project, Maharashtra, India
UP Sarila Urja Pvt. Ltd. (Essel Infra Group)/ L&T Infrastructure Finance Company	40 MW Solar PV project , Uttar Pradesh, India
MH Parbhani Power Pvt. Ltd. (Essel Infra Group)/ L&T Infrastructure Finance Company	40 MW Solar PV Project , Maharashtra, India
Flexirural Urja Jalgaon Ltd. (Essel Infra Group)/ L&T Infrastructure Finance Company	20 MW Solar PV Project , Maharashtra, India
Yarrow Infrastructure Private Limited (RattanIndia Solar Group)/ L&T Infrastructure Finance Company	50 MW Solar PV Project in Karnataka, India
Vishvarupa Solar Power Limited (Greenko Group)/Yes Bank	10 MW Solar Under-Const. Project ,Telangana, India
Achintya Solar Power Limited (Greenko Group)/Yes Bank	20 MW Solar Under-Const. Project, Telangana, India
Suvarchas Solar Power Limited (Greenko Group)/Yes Bank	10 MW Solar Under-Const. Project, Telangana, India
UP Koraun Urja Pvt. Ltd.(Essel Group)/ L&T Infrastructure Finance Company	40 MW Solar PV Project, Uttar Pradesh, India

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS
UP Mehrauni I (Essel Group) / L&T Infrastructure Finance Company	40 MW Solar PV Project, Uttar Pradesh, India
UP Mehrauni II (Essel Group) / L&T Infrastructure Finance Company	40 MW Solar PV Project, Uttar Pradesh, India
Krishna Windfarms Developers Private Limited / L&T Infrastructure Finance Company	10 MW Solar PV Project, Maharashtra, India
Greenko Group / Yes Bank	50 MW Solar PV Project in Telangana, India
SEI Arushi Pvt. Ltd.(Greenko Group) / L&T Infrastructure Finance Company	30 MW (AC) Solar Power Project in Andhra Pradesh, India
Rain Coke Limited (Greenko Group) / L&T Infrastructure Finance Company	22 MW (AC) Solar Power Project in Andhra Pradesh, India
SEI Green Flash Pvt Ltd. (Greenko Group) / L&T Infrastructure Finance Company	30 MW AC Solar Power project in Andhra Pradesh, India
Haridwar Solar Projects Pvt. Ltd / IndusInd bank	20 MW Solar Project in Uttarakhand, India
Bhagwanpur Solar Projects Pvt. Ltd / IndusInd Bank	5 MW Solar Project in Uttarakhand, India
Bindookhadak Solar Projects Pvt. Ltd / IndusInd Bank	5 MW Solar Project in Uttarakhand, India
Jilesh Power Pvt. Ltd. (Greenko Group) / PFS India Financial Services Ltd	45 MW Solar Project in Telangana, India
RattanIndia Solar 2 Private Limited / PTC India Financial Services Ltd	50 MW Solar PV Project in Uttar Pradesh, India
Yarrow Infrastructure Private Limited (RattanIndia Solar Group) / PTC India Financial Services Ltd	70 MW Solar PV Project in Rajasthan, India
NVR Mahasolar Pvt. Ltd. / PTC India Financial Services Limited	50 MW Solar PV Project in Maharashtra, India

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS
Pan India Infraprojects Private Limited (Essel Group) / L&T Infrastructure Finance Company	65 MW Solar Power Projects in Karnataka, India
Enviro Solaire Pvt Ltd	75 MW Solar Power Project in Uttar Pradesh, India
Ballupur Solar Power Projects Pvt. Ltd / Indusind Bank Limited	10 MW Solar Project in Uttarakhand, India
Shakumbhari Solar Power Projects Pvt. Ltd / Indusind Bank Limited	10 MW Solar PV Project at Uttarakhand, India
Chudiala Solar Power Projects Pvt. Ltd / Indusind Bank Limited	10 MW Solar Project in Uttarakhand, India
Ostro Energy Private Limited / L&T Infrastructure Finance Company	50 MW Solar PV Project in Telengana, India
PTC India Financial Services Limited	51 MW Solar Project in Madhya Pradesh, India
L&T Infrastructure Finance, India	10 MW Solar Project of Sai Maithili , India
Azure Power India Pvt. Ltd/L&T Infrastructure Finance Company	28 MW BOP Solar Project, Punjab , India
L&T Infrastructure Finance, India	10 MW Operational Solar Power Plant, Rajasthan , India
PTC India Financial Services Limited	30 MW Solar PV project in Uttar Pradesh, India
Earth Solar Power Pvt. Ltd./ PTC India Financial Services, India	5 MW Solar PV Power Project , Telangana, India
Rain Coke Limited / L&T Infrastructure Finance Company	22 MW Solar PV Project in Andhra Pradesh, India
Sun Edison / L&T Infrastructure Finance, India	30 MW Solar PV Project in Andhra Pradesh, India
Bhoruka Power/ L&T Infrastructure Finance, India	20 MW Solar PV Project in Karnataka, India
Sun Edison / L&T Infrastructure Finance, India	50 MW Solar Power Project in Tamil Nadu, India

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS
Shining Sun Power / PTC India Financial Services, India	10 MW Solar PV Project in Telangana, India
Purshotam Rays Power / PTC India Financial Services, India	7 MW Solar Rooftop Project at DMRC in Delhi, India
ACME group / PTC India Financial Services, India	25 MW Solar PV Project in Bihar, India
Sun Edison / L&T Infrastructure Finance, India	2x30 MW Solar PV Projects in Karnataka, India
Crescent Power / ICICI Bank, India	15 MW Solar PV project in Tamil Nadu, India
L&T Infrastructure Finance, India	2x10 MW Solar PV Projects power evacuation system in Andhra Pradesh, India
Focal Group / L&T Infrastructure Finance, India	2x10 MW Solar PV Projects in Madhya Pradesh, India
Hanjer Green Power / L&T Infrastructure Finance, India	15 MW RDF (Residual Derived fuel) based Power Plant in Gujarat, India

CONSULTANCY SERVICES

CUSTOMER	PROJECT DETAILS
GS Engineering & Construction Corp.	Technical Training Program on Solar PV Projects
Redan Infrastructure Private Limited / L&T Financial Services	Due Diligence Services for Industrial Waste based Power Plant, India
Saurya Urja Company of Rajasthan Limited	Technical audit for 500 MW (RHS) of 1000 MW Bhadla - III Solar Park, Rajasthan, India
Alghanim International General Trading & Contracting Co. WLL	Consultancy services for Evaluation report of Solar PV manufacturers
Seamless Energy International	Bankable DPR for Solar PV Project in Ghana
Alghanim International General Trading & Contracting Co. WLL	Pre-Bid Engineering Support for 1500 MW Al-Dibdibah Solar Project for KNPC, Kuwait
Phelan Energy Group Limited, India	Pre-Bid Engineering Support for 100MW Solar PV Project, Bahrain
Phelan Energy Group Limited, India	Pre-Bid Engineering Support for 30MW Solar PV Project, KSA

SELECT REFERENCES

CUSTOMER	PROJECT DETAILS
Saurya Urja Company of Rajasthan Limited (SUCRL)	Independent verification for 500 MW Solar Park
Dynasty Oil & Gas Pvt. Ltd., India	Preparation of EPC Specifications for 10 MW (AC) Solar power plant, Afghanistan
TEP Solar (India) Clean Energy Partners LLC	Energy Yield Assessment for 25 MW Solar PV Project, Chandrak, Gujarat, india
IDFC Alternatives	BOP assessment for Solar Assets of 190 MW Capacity across 7 locations in Telangana & AP, India
Alghanim International General Trading & Contracting Co. WLL	Engineering Support for 1.2 MW Solar Carport PV project for KISR
Harsha Abakus Solar Pvt. Ltd.	Power System Study for Roof Top Solar Project at IOCL Panipat
Cargo Solar Power (Gujarat) Pvt. Ltd.	Energy Yield Assessment for 25 MW CSP Project, Gujarat, India
ReNew Solar Pvt. Limited	Detailed Project Report for 220 MW Solar PV projects in Karnataka
Hero Future Energies Pvt. Limited, India	Technical Advisory services for Solar PV projects, India
National Power Company, KSA	Feasibility study for 500KW to 1MW on Roof Top Solar Project, KSA
L&T Infrastructure Finance, India	Technical Due Diligence of 15 MW Biomass plant at Tirunelveli, Tamil Nadu, India
Entegra / L&T Construction, India	Pre-bid Engineering support for 10 MW Solar Thermal Project, Rajasthan
Gujarat Power Corp., India	Detailed Project Report for 200 MW Solar chimney power project in Kuchh, Gujarat
Energon Corporation – Sri Lanka	Detailed Project Report for 108 MW Solar Chimney Power Project in Rajasthan
State Bank of India	Techno-economic viability consultancy for 25 MW Solar Thermal Power Project, Kutch, Gujarat, India
Brown Kraft Paper Technologies, India	Pre-Feasibility Report for 5 MW Bagasse based thermal power station at Sirkek Paper Mills
International Finance Corporation, USA	Feasibility Study of the SPV Plot in Chila Bazaar Bangladesh
L&T-Infra, India	Technical Due Diligence of 15 MW Biomass plant at Tirunelveli, Tamil Nadu, India
Panasonic India	Technical Development Support Services in Renewable Energy
L & T, Group-XI, India	C&I Engineering support for Nuclear Fuel Complex

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