Unitech Power Transmission Ltd.

An ISO 9001:2015 & 14001:2015

"…energizing the world with quality power."

Unitech Power Transmission Profile (1/2)

- Unitech Power Transmission Ltd (UPTL) is an established name as EPC Contractor for Power lines and Telecommunication Infrastructure.

- Have undertaken projects in India and abroad for Power lines up to 800 KV, Telecommunication projects and Solar Projects.

- Built on the solid foundations of experience, expertise and technological insight of the two major engineering company's viz. Unitech Ltd, India and Hyundai Korea established in 1995 as Joint Venture: "Hyundai Unitech Electrical Transmission Ltd." Over last decade the company has become one of the leaders in Power Transmission Tower Industry.

- Our state of art manufacturing facility is established in Nagpur, in the heart of India, with modern infrastructure and best communications links. Inland port facilities and cross road of the major National Highway in Nagpur provide advantage of being close to our esteemed clients Our manufacturing base is supported by 10 CNC machines which are able to process both plate and angles, making us most technologically advanced manufacturing plant for galvanized steel towers in India. Today the company prides itself with manufacturing capacity of 35,000 MT.

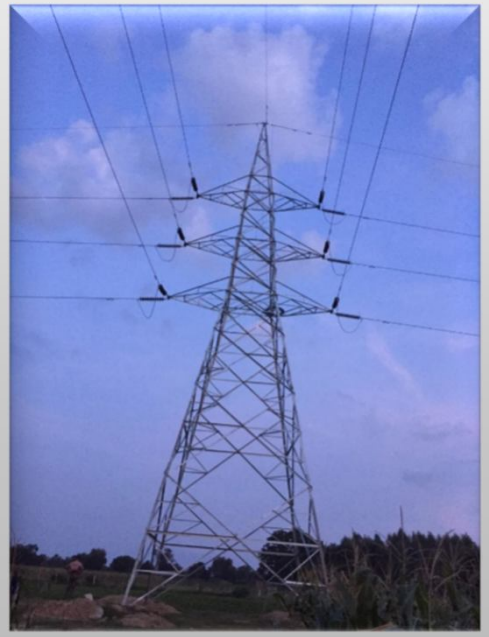
Unitech Power Transmission Profile (2/2)

- We take pride in our committed manpower and our vision to always striving for innovation and adoption of newer technologies. Today UPTL has a strong work force of 622 people comprising of highly skilled and experienced Engineers, Technician and Project Managers. Over past few years major achievements accomplished by us are :

  - Direct Export to Africa and Europe
  - Designed and Supply of Special Towers for Nile River Crossing
  - Design and supply of microwave tower of over 100 M
  - Specialized steel structure supplied for first commercial Solar Power Plant based on reflective technology in Spain
  - All engineering supported specialized software, PLS Tower 16.1, PLS CADD 16.1, I-Tower
  - Libya: Internationally UPTL is represented by UNITECH (LIBYA) with office at Tripoli, Libya and are executing the Transmission Projects since 1982.
  - Committed to provide high quality product on time, every time and best services to satisfaction of clients.

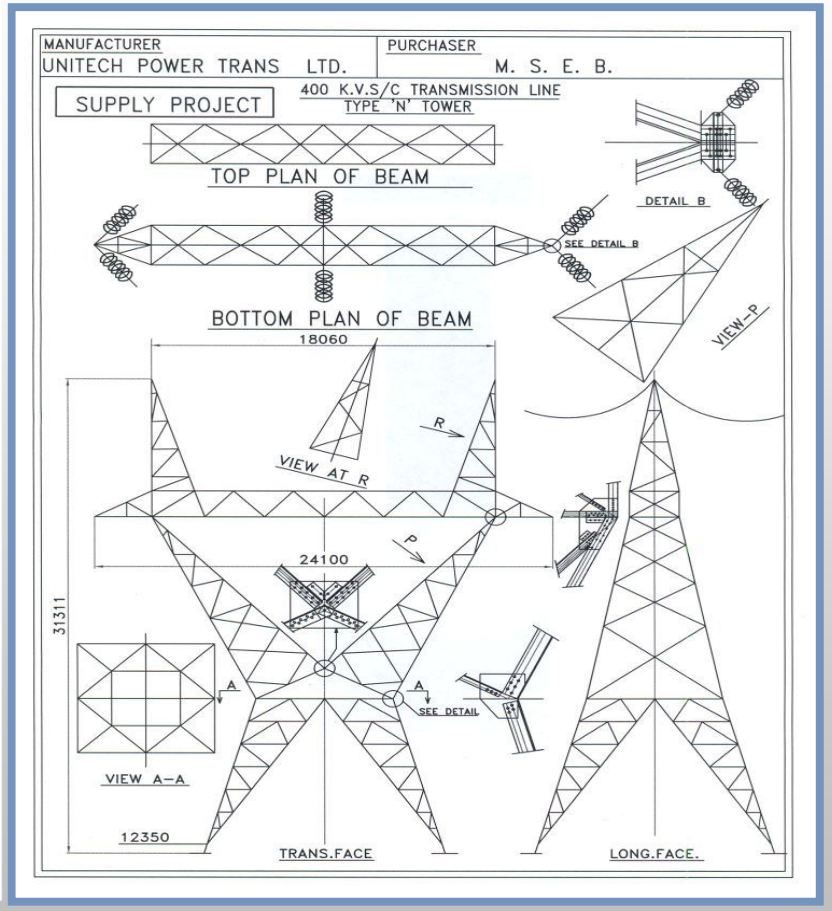
AREA OF OPERATIONS

- Engineering, Fabrication & Galvanizing of:
  - High Voltage Transmission Line Towers
  - Substation Structures
  - Microwave and Telecommunication Towers
  - Windmill Structures
  - Solar Structures
  - Railway Electrification Masts
  - Steel Structures for solar Power Plants
  - Industrial Structures
- Engineering, Fabrication & Galvanizing of Industrial Structures, Casing, Frame and other Structures
- EPC of High Voltage Power Transmission Lines
- Supply & Construction of Telecommunication Towers



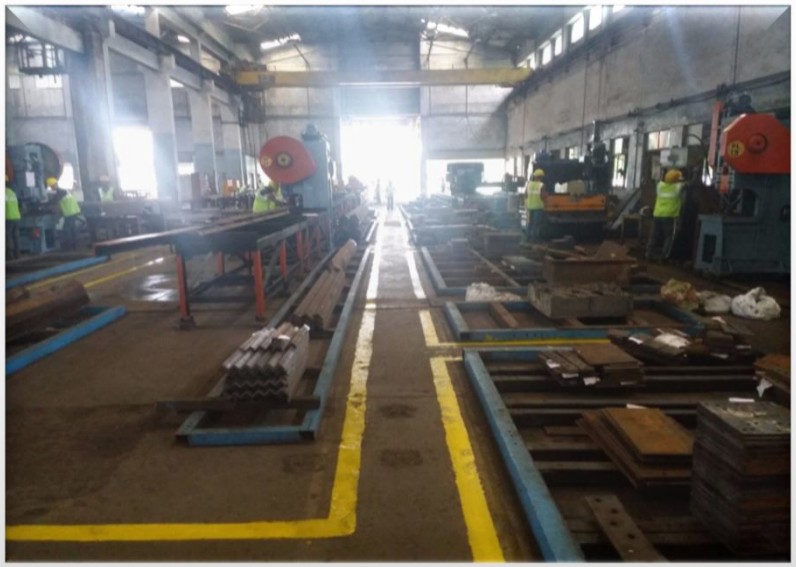
ENGINEERING

- Fully equipped design and engineering department
- Tower design and drafting done with latest software tools such as
  - iTower
  - Auto CAD
  - PLS TOWER 16.1
  - PLS CADD 16.1
- Strong working relationship with third party government test beds.
- Designed utilizing IS, ASTM, EN and Indian Standards.
- Tower designed and tested for MSTCL, MPPTCL, PSTCL, SUDAN, MOZAMBIQUE etc



FABRICATION PLANT

- Most modern tower fabrication plant in India with ISO-9001:2015 & ISO 14001:2015 Certification
- 35,000 MT / annum production capacity for Tower fabrication
- Centrally located with convenient road, rail and port connections
- CNC lines from FICEP / Italy and equivalent technology that can be used for stamping, punching, drilling and sharing operations of angles and plates
  - Angle processing up to 250 X 250 X 32
  - plate processing up to 180 mm through CNC Machines
- Independent dedicated production line for proto type of towers
- Fully mechanized material handling



GALVANISING PLANT

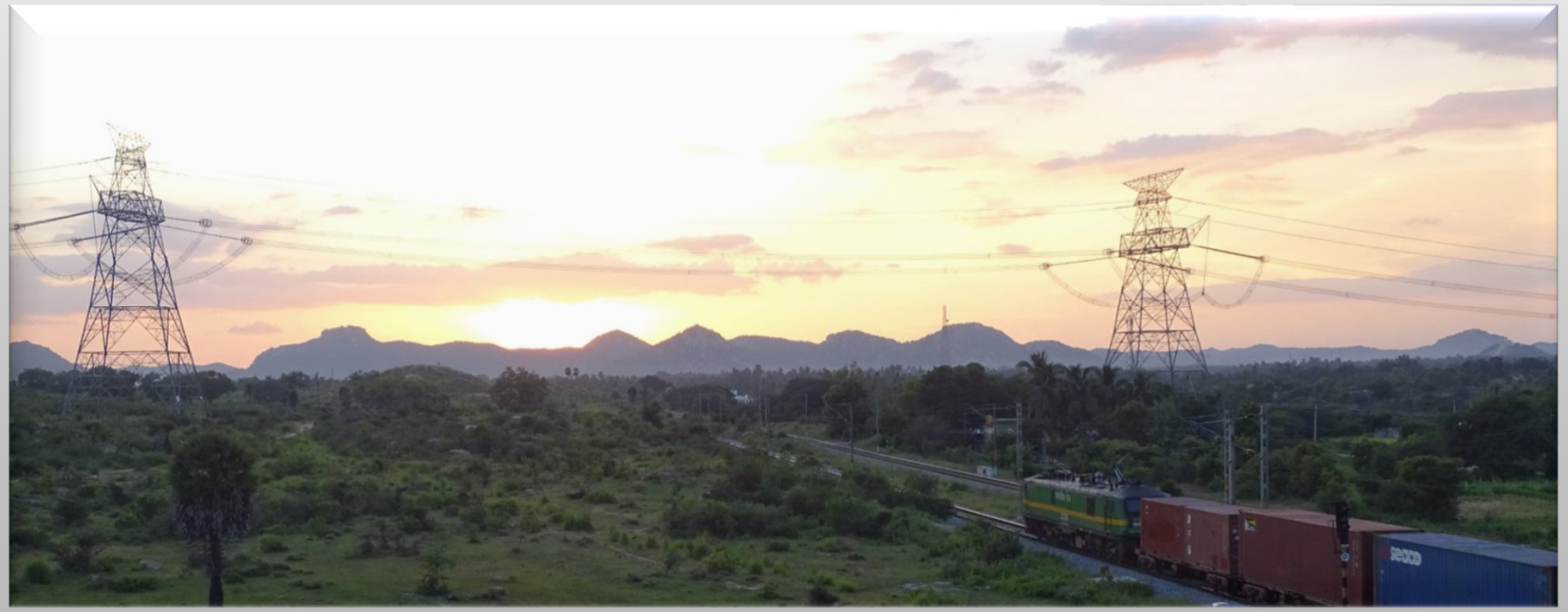
- 35,000 MT / annum production capacity for galvanizing structural steel sections
- Modern galvanizing plant with kettle from W.Piling, Germany 10M x 1M x 1.5 M size
- Fully mechanized material handling & operations with cranes, hoists and electric trolleys
- Both vertical and horizontal hot dipping

QUALITY MANAGEMENT SYSTEM

- Quality Assurance and Control systems conforming to ISO-9001:2015 standards
- Environment Management System 14001:2015
- Complete independent facilities for:
  - Two Proto-Assembly areas and inspection offices
  - Test Lab:
    - Raw material test
    - Fabrication test
    - Galvanizing test
  - Regular Inspection by Customers prior to dispatch and third party inspections (SGS and BVQI)

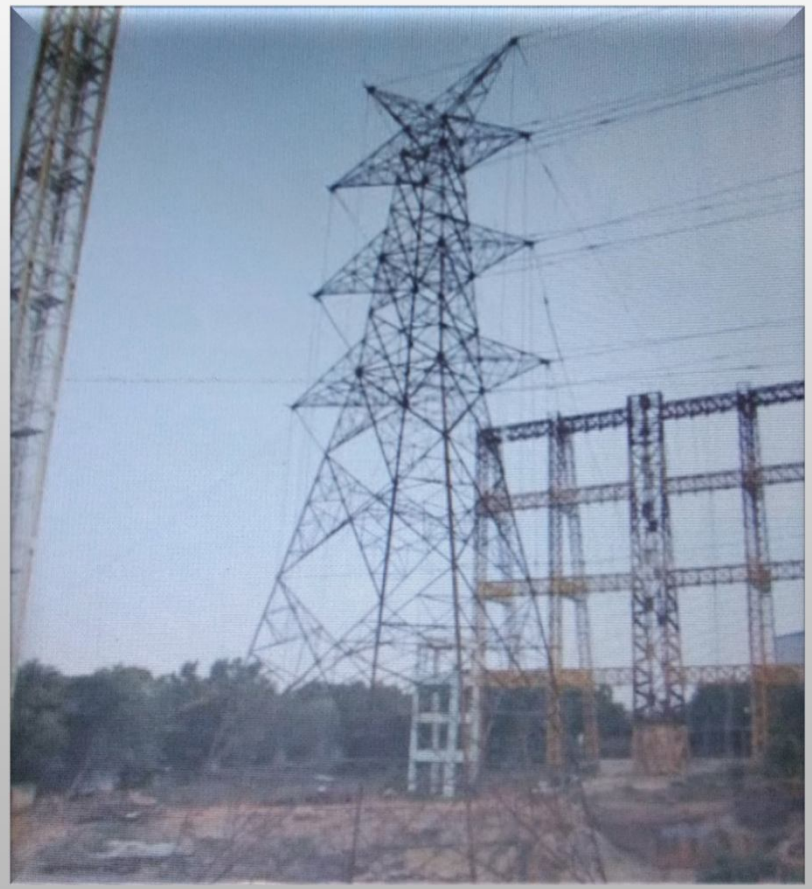
CONSTRUCTIONS

- Executed turnkey construction of several transmission lines up to 800 KV in India
- Own machinery for transmission line erection including Tension Stringing Equipments for Hexa/quad bundle conductor stringing.
- Executed turnkey construction of over 100 Meter tall Microwave Towers
- International branch has executed several transmission lines and substations projects in Libya since 1982
- Manpower strength on construction projects



TOWER DESIGNED BY UPTL

400 KV DC TOWER



Nile River Crossing Tower in Sudan

CERTIFICATE

This is to Certify that the
Quality Management System
of

UNITECH POWER TRANSMISSION LIMITED

H.O.:- UNITECH HOUSE, 3RD FLOOR, L- BLOCK, SOUTH CITY - 1,
GURGAON - 122001, HARYANA, INDIA.

WORKS: - PLOT NO. A-33, MIDC INDUSTRIAL AREA, BUTIBORI - 441108,
NAGPUR, MAHARASHTRA, INDIA.

has been found to comply with

ISO 9001:2015

This certificate is applicable to the following scope

ENGINEERING, MANUFACTURING, CONSTRUCTION, TESTING & COMMISSIONING OF TRANSMISSION LINE TOWERS, MICROWAVE TOWERS, SUBSTATION STRUCTURES AND RELATED STRUCTURES

Certificate No:: *I-QSC201910035*

Date of initial registration	09, October, 2019
1st Surveillance audit on or before	09, September, 2020
2nd Surveillance audit on or before	09, September, 2021
Certificate expiry	08, October, 2022
Recertification Due	08, October, 2022

Authorized Signatory
BQC ASSESSMENT PRIVATE LIMITED
202 DLF Galleria, Mayur Vihar Phase-1 Extension
Delhi-110091

Website: www.bqccert.com, E-mail : info@bqccert.com
Accredited by International Accreditation Service
The validity of this certificate can be verified at www.bqccert.com or through info@bqccert.com. This certificate is the property of BQC Certifications and must be returned on request. Accreditation details are available with IAS, (International Accreditation Service) Inc. USA, at www.iasonline.org

CERTIFICATE

This is to Certify that the
Environmental Management System
of

UNITECH POWER TRANSMISSION LIMITED

H.O.:- UNITECH HOUSE, 3RD FLOOR, L- BLOCK, SOUTH CITY - 1,
GURGAON - 122001, HARYANA, INDIA.

WORKS: - PLOT NO. A-33, MIDC INDUSTRIAL AREA, BUTIBORI - 441108,
NAGPUR, MAHARASHTRA, INDIA.

has been found to comply with

ISO 14001:2015

This certificate is applicable to the following scope

ENGINEERING, MANUFACTURING, CONSTRUCTION, TESTING & COMMISSIONING OF TRANSMISSION LINE TOWERS, MICROWAVE TOWERS, SUBSTATION STRUCTURES AND RELATED STRUCTURES

Certificate No:: I-ESC201910017

Date of initial registration	09, October, 2019
1st Surveillance audit on or before	09, September, 2020
2nd Surveillance audit on or before	09, September, 2021
Certificate expiry	08, October, 2022
Recertification Due	08, October, 2022

Authorized Signatory
BQC ASSESSMENT PRIVATE LIMITED
202 DLF Galleria, Mayur Vihar Phase-1 Extension
Delhi-110091

Website: www.bqccert.com, E-mail : info@bqccert.com
Accredited by International Accreditation Service
The validity of this certificate can be verified at www.bqccert.com or through info@bqccert.com. This certificate is the property of BQC Certifications and must be returned on request. Accreditation details are available with IAS, (International Accreditation Service) Inc. USA, at www.iasonline.org

CLIENTELE

With the sole aim of satisfying our customers, we provide them with technically enhanced & functionally superior turnkey solutions. We also offer help for high voltage transmission systems in designing, manufacturing, erection and commissioning of projects.

In an industry too often flooded with companies looking to outbid and undercut prices, instead of focusing on providing effective solutions. We are renowned for the quality of our work, professionalism, credibility & the extra effort we put in all our projects. In return, we have been acknowledged & rewarded with a long list of clients, who admire our work ethics and our end products.

Some of the important names from our reputed client's are mentioned below:

Domestic Client

- **Powergrid, Govt of India**
- **Adani Power Transmission**
- **Sterlite Grid Limited, India**
- **NTPC, Govt Of India**
- **Essel Infra, India**
- **TATA Projects**
- **Various State Electricity Boards of India**
  - **UPPTCL**
  - **MPPTCL**
  - **RRVPNL**
  - **HPSEB**
  - **CSPTCL**
  - **HVPNL**
  - **AP TRANSCO**
  - **PSEB**
  - **MSEB**

International Client

- **NEC, Sudan**
- **Fortrum Engineering, Finland**
- **Inabensa, Spain**
- **Alstom (India), France**
- **GECOL, Libya**
- **Abener, Spain**
- **Cobra, Spain**

FACTORY AT NAGPUR

UPTL TRAINING PROGRAMS

SAFETY – A WAY OF LIFE

800 KV HVDC RAIGARH – PUGALUR

400 KV DC SAMBHA – AMARGARH

400 KV DC FARAKKA - MALDA PROJECT
(RECONDUCTING OF HTLS CONDUCTOR UNDER LIVE LINE CONDITION)

PROJECT UNDER EXECUTION (1/2)

S No	Projects	Name of Client
1	765 KV Bikaner - Ajmer Line Lilo at Bhadla - 2PS associated with transmission scheme for Solar Energy	Power Grid Corporation of India
2	765 kV Lakadia - Vadodara (Package-2 & Package-3) Lines	Sterlite Power Grid Ventures
3	400 kV D/C Babai - Bhiwani Transmission Line	Essel Infra
4	400 kV D/C Rishikesh - Koteshwar Transmission Line	Essel Infra
5	LILO of 400kV DC Ibrahimpatti -Kasaramau (MAU) Twin Moose line	UP Power Transmission Corporation
6	LILO of 400 KV D/C Unchahar - Fatehpur Line Raibareilly S/s	UP Power Transmission Corporation
7	Balance Works of 400 kV D/C Mohindergarh -Bhiwani Transmission Line	Power Grid Corporation of India
8	Design, Testing & Supply of 225 kV S/C TL Towers (Burkino Fasco) (JV of MEC & UPTL)	Burkina Faso's National Electricity Society (SONABEL)
9	220 kV Fatehgarh Line (AEML Wind and Hybrid package)	Adani Green Energy
10	220 kV / 132 kV Transmision Lines in MP	Madhya Pradesh Power Transmission Co.
11	220 kV / 132 kV Transmision Lines in MP	Madhya Pradesh Power Transmission Co.
12	220 kV / 132 kV Transmision Lines in MP	Madhya Pradesh Power Transmission Co.

PROJECT UNDER EXECUTION (2/2)

S No	Projects	Name of Client
13	132 kV S/C & D/C Solapur - Ujjaini Transmission Line (ABB/NTPC))	ABB (India) Ltd.
14	132 KV Rajgarh – Biora Transmision Line on Turnkey Basis	Power Grid Corporation of India
15	Pkgs-1 (TD-434) : Construction of 132 kV / 220 kV Transmission lines	UP Power Transmission Corporation
16	Pkgs-2 (TD-434) : Construction of 132 kV / 220 kV Transmission lines	UP Power Transmission Corporation
17	Pkgs-4 (TD-434) : Construction of 132 kV / 220 kV Transmission lines	UP Power Transmission Corporation
18	Pkgs-5 (TD-434) : Construction of 132 kV / 220 kV Transmission lines	UP Power Transmission Corporation

EXECUTED PROJECTS (1/5)

DOMESTIC		
S No	**Projects**	**Name of Client**
1	800 kV Raigarh - Pugalur Transmission Line (TW09)	Power Grid Corporation of India
2	Manufacturing & Supply of 800 kV Saharsa-Gopalganj (Package-A5) Transmission Line Towers	Power Grid Corporation of India Limited / TATA, Gurgaon
3	Manufacturing & Supply of 765 kV Sasan-Silwar (Package-D1) Transmission Line Towers	Power Grid Corporation of India Limited / TATA, Gurgaon
4	765 kv D / C (Hexa Zebra) Dharamjaygarh - Jabalpur - Bina (Pkg-C2) Transmission Line	Jabalpur Transmission Company
5	765 kv S / C Jabalpur - Bina (Pkg-B) Transmission Line	Jabalpur Transmission Company
6	765 kV D / C Bhuj – Banaskanta Transmission Line (Part-II) (PGCIL)	Power Grid Corporation of India
7	765 kV D / C Bhuj – Banaskanta Transmission Line (Part-V) (PGCIL)	Power Grid Corporation of India
8	400 kV D / C NNTPS–Ariyalur (Villupuram) & LILO Line	Power Grid Corporation of India
9	400 KV S / C TL on DC Tower from PGCIL 400 KV Nalagarh S / S to 400 KV Kunihar S / S (HPSEBL)	HP State Electricity Board
10	TW01 for LILO Vindhyachal-Jabalpur 400 kV D / C TL at Rewa SS incl. supply of all material	Power Grid Corporation of India

EXECUTED PROJECTS (2/5)

DOMESTIC		
S No	**Projects**	**Name of Client**
11	400 KV Sultanpur - Azamgarh Transmission Line	Uttar Pradesh State Electricity Board, Lucknow
12	Rerouting of 400 kV D/C Ramagundam - Hyderabad Line	Power Grid Corporation of India Limited
13	400 kV D/C Samba - Amargarh Transmission line	Sterlite Power Grid Ventures Limited
14	400 kV D/C (Quad) Transmission Line Tapping Point to Tuticorin 765/400 kV Pooling Station	Coastal Energen Pvt. Ltd., Tamilnadu
15	400 KV D/C (Quad) T/L from Bhadla (Jaisalmer) - Bikaner	Rajasthan Rajya Vidyut Prasaran Nigam Limited, Jaipur
16	400 KV D/C Darbhanga - Muzaffapur Transmission Line	Pan India Infra Projects Pvt. Ltd, Mumbai
17	400 kV D/C Kurukshetra - Malerkotla Transmission Line	Pan India Infra Projects Pvt. Ltd, Mumbai
18	Supply of Towers & Construction of 400 kV D/C Vijaywara - Nellore (Part-II) Transmission Line	Power Grid Corporation of India Limited, Gurgaon
19	400 KV D/C Gooty - Madhugiri Transmission Line (Part-I) on Turnkey basis	Power Grid Corporation of India Limited, Gurgaon
20	400 KV D/C Raita (Raipur) - Khedamara (Bhilai) (including OPGW) Transmission Line	Chhattisgarh State Power Transmission Company Limited, Raipur

EXECUTED PROJECTS (3/5)

S No	Projects	Name of Client
21	Turnkey Construction of 400 kV D/C line for 2X300 MW Rosa-II Thermal Power Project	Reliance Utility Engineers Pvt. LTd., Noida
22	Design, Testing, Manufacturing, Supply & Execution (including OPGW) of 400 KV D/C Transmission line from RGTPS Hissar-Fatehabad & Hissar-Kirori on Turnkey Basis	Haryana Vidyut Prasaran Nigam Limited, Panchkula
23	400 KV D/C Vizag Kothapalli & Lakshmipuram-Nunna Transmission Line	Transmission Corporation of Andhra Pradesh Limited, Hyderabad
24	400 KV D/C Solapur Transmission line on D/C Towers to LILO 400 KV Parli-Karad line at Solapur substation	Maharashtra State Electricity Transmission Company Limited, Mumbai
25	Supply of Transmission Line Towers of 400 KV D/C Vijaywara – Nellore (Part-I)	Power Grid of India
26	220 KV DCDS Line from Jaddalpur – Barsoor Transmission Line	Chhatisgarh State Power Transmission Company
27	220 KV S/C Dhorimana – Sanchore Transmission Line	Rajasthan Rajya Vidyut Prasaran Nigam
28	220 kV S/C Meerut - Gajraula Transmission Line (TD-289)	Uttar Pradesh State Electricity Board, Lucknow
29	220 kV S/C Meerut - Gajraula Transmission Line (TD-289)	Uttar Pradesh State Electricity Board, Lucknow

EXECUTED PROJECTS (4/5)

S No	Projects	Name of Client
30	132 KV DC Rassolabad (Kanpur Dehat) - Bilhaur (Kanpur HEP)	Uttar Pradesh State Electricity Board, Lucknow
31	LILO of 132 Hasari - Lalitput (2nd Ckt) at Dhukwa HEP	Uttar Pradesh State Electricity Board, Lucknow
32	220 KV S/C STPS-Suratgarh-Bhadra Transmission Line	Rajasthan Rajya Vidyut Prasaran Nigam Limited, Jaipur
33	Erection, Testing & Commissioning of 220 KV S/C Nilokheri - Karnal Transmission Line	Haryana Vidyut Prasaran Nigam Limited, Panchkula
34	220 KV D/C Parli Beed and 132 KV S/C Beed Gevrai Lines	Maharashtra State Electricity Transmission Company Limited, Mumbai
35	Design, Testing, Supply and Erection of 220 Kv Bina - Gunna DCSS Transmission Line	Madhya Pradesh State Electricity Board, Jabalpur
36	132 kV S/C Sewa - Sata Transmission Line (TN-3625)	Rajasthan Rajya Vidyut Prasaran Nigam Limited, Jaipur
37	132 kV S/C Sanchore - Galifa Transmission Line (TN-3625)	Rajasthan Rajya Vidyut Prasaran Nigam Limited, Jaipur
38	132 KV Hanumangarh-Sangaria line and 132 Kv Sub-station at Sangaria	Rajasthan State Electricity Board, Jaipur

EXECUTED PROJECTS (5/5)

INTERNATIONAL		
S No	**Projects**	**Name of Client**
1	Design, Testing, Manufacturing and Supply of 220 KV Ring Main around Khartoum along with substation	Mohan Energy Corporation / National Electricity Corporation, Sudan
2	Design, Testing, Manufacturing and Supply of 225 KV S/C MEC	Mohan Energy Corporation / MEC, Mali
3	Tower Testing, Manufacturing and Supply of 225 KV /C/ MEC Mali	Angelique International / MEC, Mali
4	Manufacturing and Supply of 66 KV Transmission Line Towers	GMMRA, Libya
5	Design, Testing, Manufacturing and Supply of 110 KV S/C Transmission Line Towers in Mozambique	MEC/EDM, Mozambique
6	Manufacturing and Supply of 11KV/33KV Cross Arm & Accessories in Ghana	MEC/Ecosafe Ghana Ltd

CONTACT US

• HEAD OFFICE

Unitech Power Transmission Limited
3rd Floor, Unitech House, L-Block, South City-I, Gurgaon, Haryana (122 006) India
Phone: +91 - 124 – 4571000
Fax: +91 - 124 – 4002690
E-mail:marketing@uptl.co.in

• WORKS

A-33, MIDC Industrial Area, Butibori, Nagpur, Maharashtra 441108 INDIA
Phone: +91 -7104 - 265457 / 58 / 59
Fax: +91 -7104 – 265441
E-mail: works.uptl@uptl.co.in

SAFE UPTL PROSPEROUS UPTL