SAFETY PLUS POWER LTD.

A Project Engineering, Procurement And Construction Company

AFETY® POWER

AN OPTIMAL ENERGY SOLUTION

URS®

UKAS QUALITY MANAGEMENT
043
ISO 9001:2015 CERTIFIED ORGANISATION

COMPANY PROFILE

About Us

Safety Power Plus Ltd. is a technology driven **Project Engineering, Procurement and Construction Company** that infuses project with a mosaic of prior art, experience and innovation. In 2007, a group of experienced professional engineers incorporated it to provide optimal power solution for sustainable development. Our experts work with a team of charismatic young engineers to leverage their experience and provide technological assistance. We align our operational activities with international standards to suffice emerging demand of masses.

Our performance reflects efficient resource allocation, transparent governance, quality control, timely implementation-execution-completion of the project and in-house capabilities. We are accredited with being a company that achieves time bound targets. **We have completed all our projects in stipulated time**. Our growth trajectory contains a plethora of successful works of varying project cost catering to the needs of public and private sector.

Our rapid growth and fast adoption of latest technology inspire us to be a company that offers innovative and cost effective solutions. Our adherence to best practices and efficient project management processes have set a benchmark in terms of scale, sophistication and speed. We have the expertise and capability to be your trusted business partner for future. We work to make **the world energy efficient and environmentally sustainable.**

OUR PEOPLE

"OUR PEOPLE-

Their Passion...

Their Commitment...

Their Experience...

Blended with Latest Technology...

- OUR STRENGTH"

CHAIRMAN

"To acknowledge the debt of my illustrious career, my efforts aim to keep electricity in the service of humanity as an uninterrupted source of comfort ..."

Er. S. C. Govil: F.I.E., graduated in Electrical Engineering From A.M.U., Aligarh. He has towering experience in different disciplines of power sector. It ranges from construction and maintenance of **Transmission Lines and Substations** to Operation of **Distribution Systems** along with **supply chain management.**

His experiences and managerial capabilities are our core competency. His pool of knowledge about planning, management, construction, operation and maintenance of Transmission and Distribution Utilities including material management is integral to our capacity building. His administrative excellence guides us in achieving milestones at every stage of our projects implementation.

DIRECTORS

"We recognize that our success is based on our client's satisfaction and the individual and collective contributions of our Team to serve our clients better."

Mr. Afzal Khan

A young entrepreneur having 15 years of experience in corporate administration & strategic planning co-ordinates the operation of all functional departments and manages the strategic aspects of our organization. His clear vision and assertiveness help us to integrate our functional excellence with our core values to achieve our goal. He supports an organizational culture that allows employees for mutual exchange, self fulfillment and self-development. He believes in giving business a competitive edge by optimising the use of natural resources and deploying clean technologies. His commitment to a sustainable development influences our business strategy and philosophy.

Er. A.K. Pandey

He graduated in Electrical Engineering from Gorakhpur University, Master in Technology from Banaras Hindu University and passed Advance Diploma in Management from Indira Gandhi National Open University. He served U.P. State Electricity Board for 35 years in various capacities. He has 12 years of intensive experience in Power Generation. While working at Thermal Power Station Obra, he specialized in Control & Instrumentation of 200 MW Power Generation machines. Thereafter, he served for 22 years in Power Distribution System in different capacities such as Executive Engineer & Superintending Engineer. He held the following key positions at important forums- Chief Engineer, Purvanchal Vidyut Vitran Nigam Banaras Zone, Field Expert Member, Consumer Redressal Forum Under UP Regulatory commission, team member to decide the technical requirement of metering for upper, vast experience in construction, operation, metering, protection and maintenance of distribution network and distribution substation graduated from Allahabad university.

VICE PRESIDENTS

Er. S. C. Rathi : F.I.E, Chartered Engineer (India), graduated in Electrical Engineering from A.M.U, Aligarh. He has experience of more than three decades in different power sector disciplines. He is skilled in design & engineering, construction and operation of EHV transmission lines and Substations and construction-operation of urban distribution network. He has overseen **construction of 400 KV, 220 KV and 132 KV lines and Substations** also provided **consultancy for co-generation power projects** and **captive power plants.** He has specialized skill in **regulatory affairs** for open access operations and transaction of power

Er. R.S. Gupta : F.I.E, Chartered Engineer (India) has extensive experience in Operation and Maintenance of Power Generation, Transmission, and Distribution Network. His in-depth knowledge guides our team in implementing new ideas to enhance supply and network reliability. He graduated in Electrical Engineering from University of Roorkee. Apart from the construction of 220 KV & 132 KV Substations, he was involved in **construction of 220 KV and 132 KV lines in difficult terrain** He expertise in maintenance of 400, 220 and 132 KV lines and Substations. As regards to his experience in Distribution, he is well versed in construction of 33 KV lines and Substations.

Er. J. Ravi Kumar: Graduated in Electrical & Electronics Engineering from Mepco Schlenk Engineering College (Sivakasi) in 1995 has more than 25 years of experience in various **EPC of Internal & External electrical works for Ultra-mega projects such as Reliance Industries, DAKC, and DIAL-GMR etc.** He has been associated with Design, Engineering, Execution, Installation, Testing and Commissioning of **solar projects aggregating up to 900 MW** all over India and has worked with Major companies like Reliance, Tata Power Solar, Sterling & Wilson , SP, Adani etc. for provision of basic infrastructure like land aggregating, obtaining necessary approvals and erection of transmission line from plant to connecting grid substation.

EXPERTS

Chief Engineer Projects (Electrical division)

Er. Shyam Kumar : F.I.E. graduated in Electrical Engineering from R.I.T, Jamshedpur. He has experience of more than three decades in construction and maintenance of Transmission Lines and Substations. He was primarily engaged in **construction of 400 KV, 220 KV and 132 KV lines and Substations.** He also has mastery in construction and maintenance of **distribution network including 33 KV lines and Substations.**

Chief Engineer Projects (Civil division)

Er. S.K. Jain : F.I.E. graduated in Civil Engineering with Hons. from H.B.T.I, Kanpur. He is fellow of Institution of Engineers (India) and Institution of Valuers (India). He was also on the **panel of State Quality Monitors of Uttar Pradesh Government** for **"Pradhan Mantri Gramin Sarak Yojna" .**

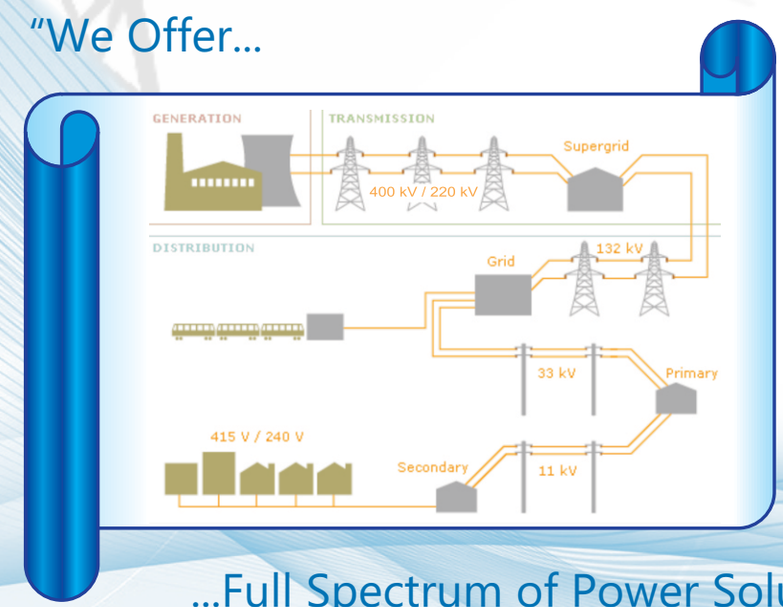
Since three decades he has been associated with planning, design and construction of various civil engineering works and achieved substantial milestones. Some of the civil engineering works to his credit in various fields of engineering are Construction of Special River Crossing for 400/220 KV transmission lines, residential and non-residential buildings, transmission and distribution Substations including roads, water supply, O.H. Tanks, drainage etc. Other than from several 220/132 KV Substations, he has constructed 400 KV Substation such as Azamgarh, Varanasi, Mau, Unnao, Bareilly.

Er. Mohd Nazar : He is responsible for developing system specifications, technical drawings and layouts to ensure that installation conforms to standards and customer requirements. He has developed electrical designs for transmission substations ranging from 132KV to 400KV and for distribution networks of 33KV, 33/6.6KV and 33/ 3.3 KV substations.

SERVICES

- Power Transmission Project
- Electricals Project
- Street Light Project
- Civil Project
- Low Voltage System Project
- Data Center Project
- Solar Power Project

"We Offer...



...Full Spectrum of Power Solutions"

TRANSMISSION PROJECT

Reliability of supply is the vital attribute of a well designed Transmission and Distribution system. Our distribution network is intended to minimize faults with the latest automation and turnkey solutions alongside a full range of services, to its customers across high, extra high voltages.

We design and provide engineered turnkey solution to manage power grids and transmit electricity from the power plant to the large end-user. Our team is skilled to fulfill the requirements of distribution utility and industrial process.

Generation

765 KV

400kv

220kv

132kv

33kv

Transmission Services

- Consultancy for open access
- Feasability Studies & Cost Calculation
- Civil Construction activities of Transmission Substations
- Erection & Commissioning of all relevant EHV equipments
- Online communication of metering and generating data.
- Design & Engineering of Transmission Lines & Substations
- Design, Engineering of Civil Projects.
- Online Metering and data transmission.
- SAG & Tension Calculations
- Rough Terrain and High Altitude
- Conductor Stringing
- Foundation Design
- Equipment and Construction Specification

Distribution Services

- Full Service Engineering and Design Group
- New Circuit / Distribution Substation Planning
- Deteriorated Pole Replacement Programs
- Overhead to Underground Conversions
- New Business Design
- Underground Switch/Cable Replacement
- Overhead and Pad-Mounted Capacitor Programs
- Infrastructure Systems Maintenance
- Circuit Automation
- SCADA Design & Operations

Township

Hospital

Factory

Mall

STREET LIGHT PROJECT

Uniform street light intensity is crucial for road safety, thus, our experts develop an accurate plan for the following set of service to ensure that homogeneous lux level is maintained with automatic switching system.

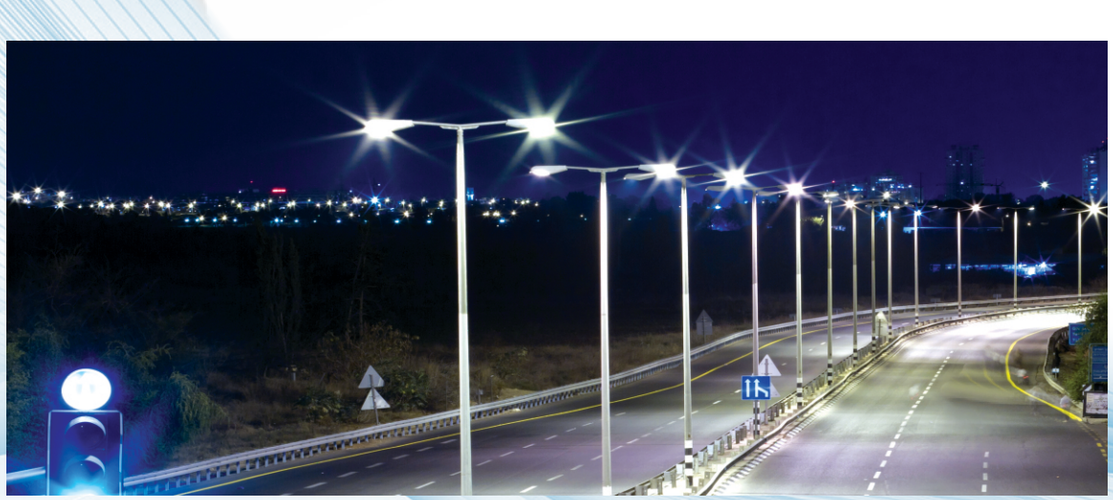
Safety Plus Power Ltd. has successfully installed around 8000 street lights and successfully served its clients such as Delhi PWD Zone IIIrd and Zone II. Our expert are acknowledged for developing accurate street lighting plans considering the lighting level, street width, curves, intersection, pedestrian conflict and traffic volume.

Street Light Installation Services

Design of Street Light with respect to specific Lux level considering the lighting level, street width, curves, intersection, pedestrian conflict, and traffic volume.

Erection and Commissioning of Street Light and its automation such that pole are spaced and excavated to a depth to withstand adverse weather conditions.

Implementation of LED Light Concept ensuring correct lead positioning and polarity to maintain LED reliability over its operating life.



CIVIL PROJECT

Safety Plus Power Ltd., has its "Civil projects Division" with a strong team of experts, which includes competent Degree & Diploma Civil Engineers headed by Er. Surendra Kumar Jain, Chief Engineer, who worked for more than three decades in U.P Power Corporation Ltd in various capacities from Assistant Engineer to Superintending Engineer before joining our company in 2010.

Our in-house team of young yet experienced engineers engages in the task of surveying, contouring, levelling, traverse closing, marking layout of tower foundations, buildings, cable trenches, roads and other structures required for implementation of Turkey Projects. We also have facilities and knowhow for preparing Sketch Plans, Electrical Layouts, Designs of tower and equipment foundations including all other technical requirements of civil engineering works, such as roads, culverts, control room buildings, offices, stores, water supply, drainage schemes. We possess full know-how and experience for project management and monitoring system for timely completion and delivery of turnkey projects.

We specialize in executing civil works of turnkey power transmission projects. We are able to deliver superior quality even under tight deadlines as we are having in-house arrangements for construction of civil works with the help of our regular employees such as mate, supervisor, surveyor, mason, blacksmith, shuttering foreman, electrician, operator etc. etc. who work under the guidance of experienced civil engineer at the sites of our work. We have some permanent laborer's, further, we add from local manpower as per site requirement. This strength enables us not to sublet any civil work due to which we are able to timely execute each and every small civil activity as per requirement of electrical wing and contractual obligations.

However, owing to our expert engineers and in-house arrangements, during last 10 years we have successfully completed fifteen **220 & 132KV turnkey projects for UPPTCL within stipulated contractual period.** We have also completed five bay extension projects at **400KV & 220 KV Substations of Delhi Transco Ltd**, successfully within contractual period. All these sub-stations are running on commercial road.

The scope of civil works in all the turnkey projects undertaken by our company, included surveying, contouring, soil investigation, design & engineering of all type of civil works such as transformer foundations, Control room buildings, residential & non-residential buildings, shopping mall ,foundation of main towers, auxiliary structures, roads, culverts, cable trenches, boundary wall, water supply and drainage schemes and other misc. works.

LOW VOLTAGE SYSTEM PROJECT

Safety plus Power Limited have a separate ELV division to provide a comprehensive solution to our clients. We are a complete low voltage contractor and security company that provides 24/7 alarm monitoring, installation and service of each alarm system.

As we find ourselves in a business climate that demands swift action and even swifter results, we are committed to become more competitive, dynamic and flexible. We provide clients with the latest and most advanced solutions comprising of:

- Fire Detection & Alarm System
- Gas based Fire Suppression System
- Building Automation System
- Access Control System
- CCTV System
- Public Address System
- Entrance Automation System
- Parking Management Systems
- Security Product
- Wireless DAS System

SOLAR POWER PROJECT

We are tapping the sun's abundant energy to provide affordable solar energy. By offering fast-track development, one-stop equity investment, debt facilitation, and EPC (Engineering, Procurement, and Construction) contract facilitation, we are helping to minimize the nation's carbon footprint and make solar energy a significant power source for the future.

Our Footprints

We are going green today, not tomorrow. In anticipation of the future energy needs of India, we have diversified our fuel mix by seeking renewable sources of energy. Based on our experience and expertise in developing large projects, we have initiated several ambitious power projects. Our team across India are working on the ground to develop Mega solar projects.

Future Plans

We have made our plans keeping in mind our long-term goal to make India energy efficient. Over the next three years, we will develop several GWs of renewable energy based power projects. Our capacity buildup plans is helping us create pipelines for developing Mega solar projects.

SERVICES

Grid Connectivity and its Clearances

After identifying the nearest grid Substations available, we prepare the schematic diagram for power evacuation and sub-technical acceptance of the grid connectivity form the electricity department.

Filling of application with relevant departments

Ensuring that you fulfill all eligibility criteria required, we file application for you in the state and central agency. We take the responsibility of completing all paper work to make a successful application.

Preparation of Prefeasibility and detailed project report

After a detailed solar radiation assessment for the site, our technical and financial experts start working on preparing the detailed cash flows for the projects. Once the pre-feasibility is approved, a highly technical and detailed project report is prepared. Using the tactical and sophisticated methods, probable energy generation is calculated.

Assistance in signing PPA's and MOU's with the government and private agencies

We ensure all commitments made during the contract signing are fulfilled. In order to ensure you make your investment at a correct place, we have a perfect package to take care of your project till its end.

Supervision in procurement and installations of all materials

While finalizing the EPC contractor, we do third party checks on all the procurements and installation. This expert check becomes necessary when most of the contractors are new in the industry and are price conscious. Our international experience helps to remove all shortcomings and ensure no drawing is implemented without approval from an expert.

Commissioning of the project

Once all materials are in place and EPC team is on its toes, working on installation of all components, we gear up ourselves to monitor and review all drawing and engineering aspects of the plant. During the last few days, we coordinate with the electricity board and authorities to provide grid connectivity and proper help in synchronization of the plant.

CLIENTS

We have a complete setup and expertise to construct and design of 400 Kv and 220 Kv Substations & Transmission Lines, Civil Projects, Electrical Network Design & Complete Electrification and LV system (Fire Alarm, Public Address, Telephone, Data etc.) for all type of projects. We design our services to provide a quality network of Electrical Lines and Substations for the reliability of power. Our team has industry knowledge, training and enthusiasm to provide unrivaled level of service for a wide range of power projects of varying scale.

In a short span of time, we have achieved commendable success. Our client includes companies such as:

Eastern Coalfields Limited

HVPNL

UPPTCL

pwc

NORTHERN COALFIELDS LIMITED
(A Mini Ratna Company)

DTL

PWD
Govt of Delhi

upsidc
Uttar Pradesh State
Industrial Development Corporation

UPPCL

U.P.R.N.N.L.

Coca-Cola

COMPLETED PROJECTS

CLIENTS	NAME OF WORKS	STATUS
U.P. Rajkiya Nirman Nigam Ltd. Varansi, U.P.	Construction of 220 /132 KV Substation on turnkey basis at MotiramAdda, Gorakhpur for U.P.P.T.C.L	**Running on commercial Load Since May 2011**
U.P. Rajkiya Nirman Nigam Ltd. Kendriya Vidyalaya Sangathan, Room No. 12-13, Katwaria Sarai, N.	Construction of 220/132/33 KV Substation on turnkey basis with SAS System R.C. Green, G. Noida for U.P.P.T.C.L	**Running on commercial Load Since July 2012**
U.P. Rajkiya Nirman Nigam Ltd. Camp. Office : Medical Collage, Ambala Road, Saharanpur (U.P.)	Construction of 220/132/33 KV Substation on turnkey basis with SAS System at Behat, Saharanpur for U.P.P.T.C.L.	**Running on commercial Load Since May 2013**
U.P. Rajkiya Nirman Nigam Ltd. Gomti Nagar, Lucknow	Construction of 220/132/33 KV Substation on turnkey basis with SAS System at Kursi Road Lucknow for U.P.P.T.C.L	**Running on commercial Load Since May 2013**
U.P. Rajkiya Nirman Nigam Ltd. 28/9, New Arya Nagar, Kila Road, Jail Chungi, Meerut (U.P.)	Construction of 220/132 KV Substation on turnkey basis with SAS System at Jansath,	**Running on commercial Load Since Nov 2013**
U.P. Rajkiya Nirman Nigam Ltd. Kendriya Vidyalaya Sangathan, Room No. 12-13, Katwaria Sarai, N.	Construction of 220/132/33 KV Substation on turnkey basis with SAS System at Fareed Nagar,	**Running on commercial Load Since July 2014**
U.P. Power Transmission Corporation Ltd. Shakti Bhawan, Lucknow, U.P.	Construction of 220/132KV Substation on turnkey basis with SAS System at Sikandra Rao	**Running on commercial Load Since October 2016**
U.P. Power Transmission Corporation Ltd. Shakti Bhawan, Lucknow, U.P.	Construction of 220/132/33KV Substation on turnkey basis with SAS System at Chhata, Mathura	**Running on commercial Load Since April 2017**
U.P. Power Transmission Corporation Ltd. Shakti Bhawan, Lucknow, U.P.	Construction of 220/132/ 33 KV Substation on turnkey basis with SAS System at Sarsawa Saharanpur	**Running on commercial Load Since Nov 2018**
U.P. Power Transmission Corporation Limited Shakti Bhawan, Lucknow, U.P.	Construction of 220/132/33KV Substation on turnkey basis with SAS System at	**Running on commercial Load Since Nov 2018**
South Easterns Coalfield Ltd. SECL Bhawan, Seepat Road Bilaspur, Chhatisgarh.	Construction of 132/33KV Substation on turnkey basis with SAS System at Kusmunda,	**Running on commercial Load Since March 2017.**

COMPLETED PROJECTS

CLIENTS	NAME OF WORKS	STATUS
U.P. Power Transmission Corporation Limited Shakti Bhawan, Lucknow, U.P.	Construction of 132/33KV Substation on turnkey basis with SAS System at Samsabad, Etah.	**Running on commercial Load Since July 2017.**
U.P. Rajkiya Nirman Nigam Ltd. Kendriya Vidyalaya Sangathan, Room No. 12-13, Katwaria Sarai, N.	Construction of 132/33KV Substation on turnkey basis with SAS System at Mundali, Meerut.	**Running on commercial Load Since Oct 2015.**
U.P. Power Transmission Corporation Limited Shakti Bhawan, Lucknow, U.P.	Construction of 132/33KV Substation on turnkey basis with SAS System at Mirachi, Etah.	**Running on commercial Load Since Nov 2016.**
U.P. Power Transmission Corporation Limited Shakti Bhawan, Lucknow, U.P.	Construction of 132/33KV Substation on turnkey basis with SAS System at Garhmukteshwar, Hapur.	**Running on commercial Load Since April 2017.**
U.P. Power Transmission Corporation Limited Shakti Bhawan, Lucknow, U.P.	Construction of 132/33KV Substation on turnkey basis with SAS System at Ambala Road, Saharanpur.	**Running on commercial Load Since March 2018.**
UPSIDC Ltd. A1/4, Lakhanpur, Kanpur Post Box no 1050Delhi-16	Construction of 33/11 KV Sub-Station & 33 KV Line on turnkey basis at Industrial Area Pilkhani, Saharanpur, U.P.	**Running on commercial Load Since July 2010**
PWD Delhi Zone M2 and Zone M3	Cost Validation of 114 MW Daganchhu Hydro Project, Bhutan	**Completed March 2008**
PWD Delhi Zone M2 and Zone M3.	Erection of Street Light Project for PWD Delhi Roads – Zone M 2 and Zone M 3	**Completed in Aug. 2010**
Hindustan Coca Cola Beverage Pvt. Ltd. Dasna, U.P.	Construction of 33KV Line and Sub-Station for Hindustan Coca Cola, Dasna, Ghaziabad	**Completed in Aug. 2008**
Manish Govil Memorial Trust Panchvati Colony, Mawana Road, Meerut (U.P.)	15 KWp Roof Top Soler PV Power Plant	**Completed in Aug. 2016**

Ongoing Projects

CLIENTS	NAME OF WORKS
Haryana Vidyut Prasaran Nigam Ltd. Panchkula Chandigarh	Construction of 220/132/33KV Substation on turnkey basis with SAS System at Deroli Ahir, Mohindergarh.
U.P. Power Transmission Corporation Limited Shakti Bhawan, Lucknow, U.P.	Construction of 220/132/33KV Substation on turnkey basis with SAS System at Badhaikalan,
U.P. Power Transmission Corporation Limited Shakti Bhawan, Lucknow, U.P.	Construction of 220/132KV Substation with JV **EXIDE INDUSTRIES LIMITED KOLKATA** ,on turnkey basis SAS System at Chandpur, Bijnaur
U.P. Power Transmission Corporation Limited Shakti Bhawan, Lucknow, U.P.	Construction of 220/132/33KV Substation on turnkey basis with SAS System at Tundla,
Northern Coalfield Ltd. NCL HQ Panjera Bhawan,Singrauli, Madhya Pradesh Sigrauli, Madhya Pradesh	Construction of 132/33KV Substation on turnkey basis with SAS System at Singrauli, Madhya
Delhi Transco Ltd. Shaktideep Building, Jhandewalan Extn., New Delhi	ETC of (a) 01 No. 220kV Feeder Bay at 220kV Sub-Station Masjid Moth, New Delhi (b) 01 No. 220kV 160 MVA Transformer Bay at 220kV Sub-Station Gopalpur, New Delhi and (c) 02 Nos. 220kV Feeder Bays at

INTENTION

We endeavors to do the following works:

- Construction of 400Kv,220Kv and 132 Kv Transmission Substation-AIS & GIS On turnkey basis
- Supply and Laying Of 11 kv,33Kv,132Kv and 220Kv HT cables on turnkey basis
- Street light project on turnkey basis
- Civil projects on turnkey basis
- Solar Power projects on turnkey basis
- Datacenter Projects on turnkey basis
- Low voltage system Projects on turnkey basis
- Electrical consultancy

Our technologies and services ensure:

- Customized Turnkey Solutions.
- Real time Information system in operations.
- Comprehensive customer service support.
- Innovative , cost effective and reliable products.
- Safety proposal , reliability studies and implementation.

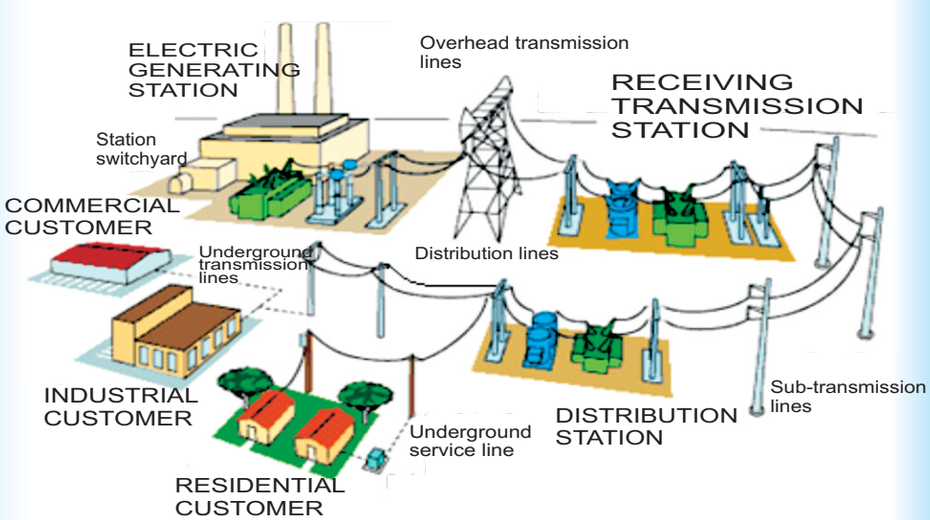
VISION

On the road towards sustainable development, we aim to responsibly undertake the Transmission Substations and Lines, Electrical Project, Civil Project, Street light Project, Low Voltage Systems Project, Data Center Project and Solar Power Project for all type of ventures around the world.

We are committed to provide an unparallel level of services and contribute to the healthy growth of the global economy. We intend to be a credible energy solution provider that enriches the quality of customized power solutions while maintaining its social responsibility.

In view of our sustainability mission, we aspire to built resilient infrastructure for:

- Cleaner energy,
- Greener tomorrow,
- Newer LV systems,
- Safer electrical designs,
- Serener civil work



AFETY®

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AN OPTIMAL ENERGY SOLUTION

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