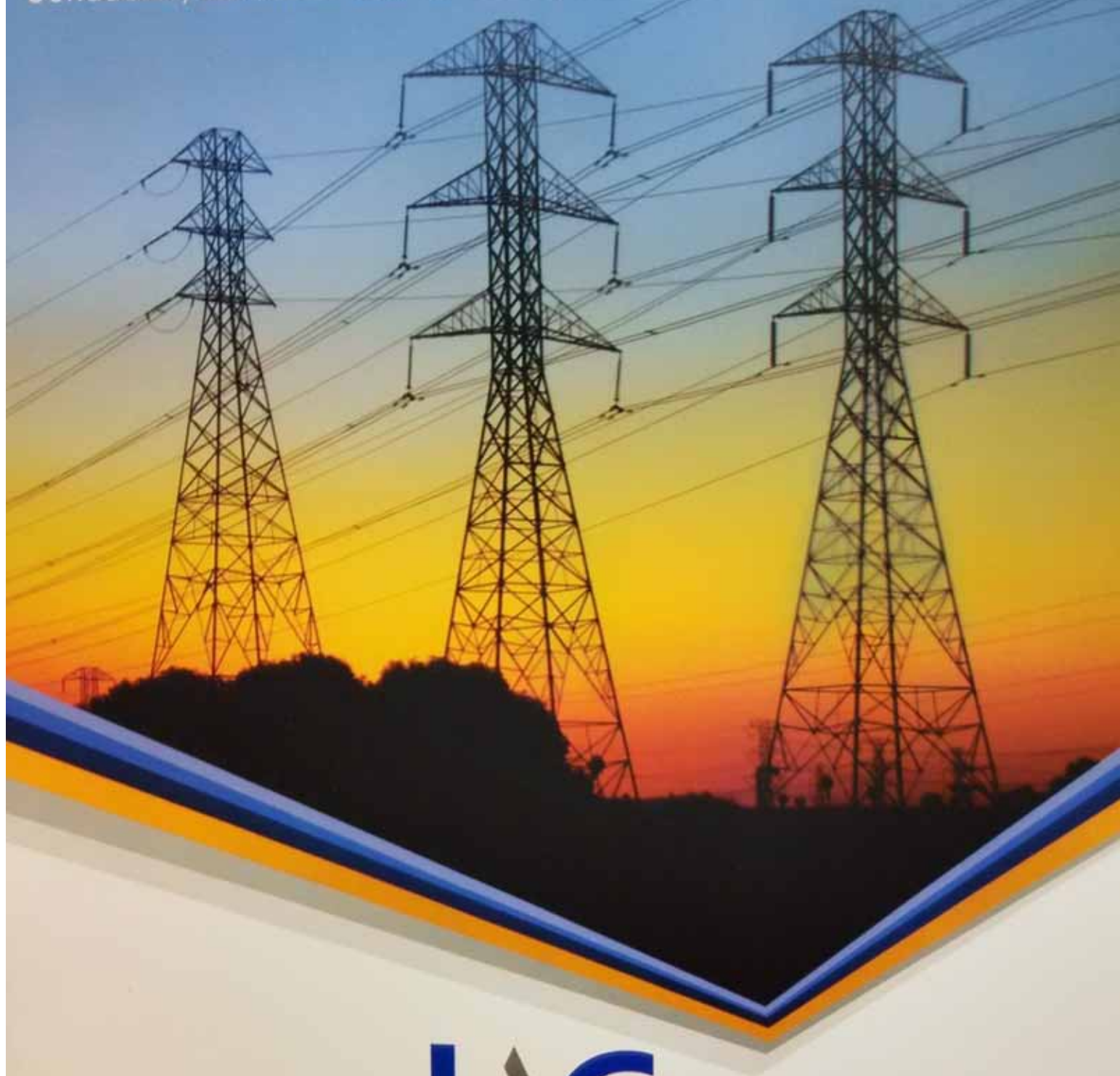


Manufacturer of Power Transmission Line
Hardware Fittings and Accessories for
Conductor, Earthwire and OPGW upto 800kV



IAC
SINCE 1959

CHAIRMAN'S MESSAGE

In my long career of more than 40 years in business, I have learnt one of the most valuable lessons about the power of thoughts and confidence to achieve positive output. I and my team work very hard and put our best efforts to provide total satisfaction to our customer starting from manufacturing to delivery. I believe in teamwork and I am confident to reach more milestones in the years to come.

Man Mohan Garodia

CORE VALUES

Commitment towards Excellence & Quality: Continuously improving the cost effectiveness and performance of all our products and processes and at the same time focusing on innovation.

Commitment towards Customers: Forging long-term relationships by being responsive and consistently delivering the best.

Commitment towards People: Recognize, nurture and support the desire and ability of individuals to grow and improve.

Commitment towards Accountability: Encourage responsibility at every level and making sure the end result always meets expectations.

IAC ELECTRICALS PVT. LTD.

COMPANY PROFILE

Since our inception in 1959, our company's reputation for excellence and integrity is one of our most prized assets in the field of transmission line hardware & accessories for Insulator, Conductor, Ground Wire, AB Cable & OPGW as well as Clamps, Connectors and other Sub-Station Hardware.

We have earned this reputation by adhering to the highest standards of business conduct, which includes not only complying with applicable laws and regulations but also continuously striving to set the standard for corporate governance in our industry. Integrity is one of our most important attributes.

We are committed to maintain our record of strong corporate governance and will continue to seek to improve upon our solid foundation.

IAC Products are backed by stringent in-house quality control and only material conforming to the related specification reaches our buyers. Our laboratory is well equipped to conduct Type, Acceptance and Routine Tests. Type Tests on IAC products, which conform to specifications such as IS, IEC, BS, DIN, ASTM etc. are carried out both in the country and abroad at labs with international recognition like Hydro Quebec (Canada), NGK and CREIPI (Japan), ZKU KEMA (Czech Rep), EPRI (China) and CPRI, IIS, GPRI, IIT, BHEL, NTH, PDTC etc.

We, in our country, pioneered the use of CAD for power transmission line hardware. In the event of customized requirements, we have our widely experienced design team, backed by the latest software.

QUALITY PHILOSOPHY

‘To deliver quality products to meet the requirements of our valued customers, the first time, every time.’

The quality, performance and reliability of all our products and services are assured in accordance with customers' requirements. Our Quality Management System, compliant with the International DIN EN ISO 9001 Version 2008 Quality Management Standard, is accredited by Germanischer Lloyd. One of the key elements to IAC's success is its never-ending pursuit of superior quality in all its endeavours.



Certificate of Registration

(Quality Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Quality Management System of

IAC ELECTRICALS PVT. LTD.

Office: 701, Central Plaza, 2/6, Sarat Bose Road, Kolkata, W.B., India.
 Factory: (UNIT-1) 6/1, Bama Charan Roy Road, Kolkata, W.B., India.
 (UNIT-2) Sankrail Industrial Park, Plot No.-53, Vill-Jaladhulagori,
 P.O.-Dhulagori, Bombay Road (NH-6), Howrah, W.B., India.

Has been found to be of the Quality Management System Standard

NS-EN ISO 9001:2008/ISO 9001:2008

This certificate is valid for the following product or service range

**Design & Manufacture of Transmission Line Hardware and
 Accessories for Insulators, Conductors, Ground Wires,
 A.B. Cables & Optical Fibre Cables as well as Clamps,
 Connectors and Other Substation Hardware.**

1st Surveillance Due On: 29/10/2012 Done On:
 2nd Surveillance Due On: 29/10/2013 Done On:

Certificate No: IQSC-458)
 Date Of Issue: 28 November, 2011
 Valid Until: 28 November, 2014

Issued by:
 Authorized member KVQA

The certification body's accreditation is accredited by the Norsk Akkreditering of Norway with reference to the Parliamentary Proposition no 106 (1959/50) and Norsk Akkreditering's the status laid down in Royal Decree of 7th October 1951.
 Accredited by a member of IAF's MLA for Quality Systems.

QUALITY ASSURANCE & TESTING FACILITIES

IAC has a proficient and trained team of quality personnel to carry out stringent quality checks to ensure that our products withstand the worst misuse and abuse in line conditions. Our laboratory is equipped with facilities of the highest order to ascertain prompt and precise results to a number of tests which forms the backbone of our design structure.



Heating Cycle Test Bed



Vibration Test Bed



Hardness Check



Spectrometer



Dimensional Check



Vibration Analysis



UTS Machine



Microscope



MPI Test



Proof Load Test

MANUFACTURING FACILITIES

IAC Electricals has all the facilities to design, manufacture, test and supply complete range of overhead line and substation hardwares, accessories and clamps & connectors upto 800kV.

IAC Electricals has set up two well laid out factories equipped with the most modern machines in and around Kolkata, India. These two factories, experienced technical team of people and dedicated work force ensure quality products as well as timely execution of orders.



PRODUCTS

Suspension Insulator Hardware Fittings



115kV / 132kV Double Suspension



220kV / 230kV Single Suspension



400kV Single Suspension Twin



400kV Double Suspension



400kV Double Suspension Quad



400kV Pilot Suspension Quad



765kV Single 'V' Suspension Quad



765kV Double Suspension Quad



765kV Double 'V' Suspension Quad



765kV Double Suspension Hex



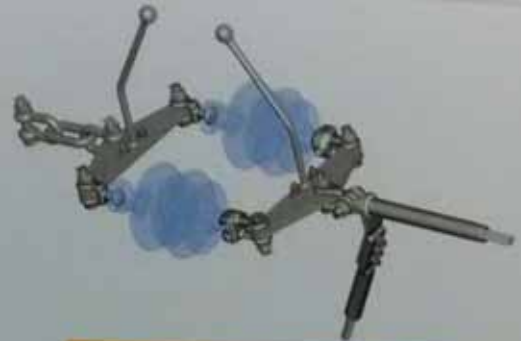
765kV Pilot Suspension Hex

PRODUCTS

Tension Insulator Hardware Fittings



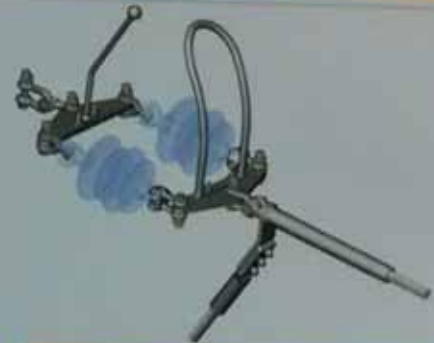
115kV / 132kV Single Tension



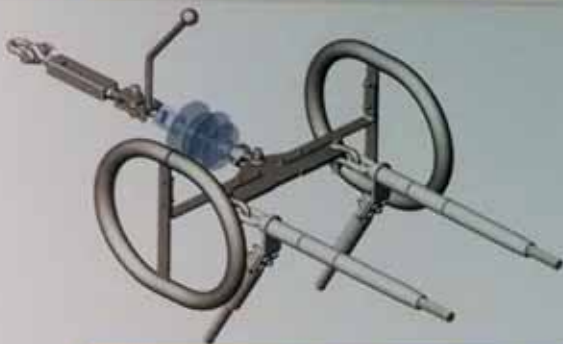
132kV Double Tension



220kV / 230kV Single Tension



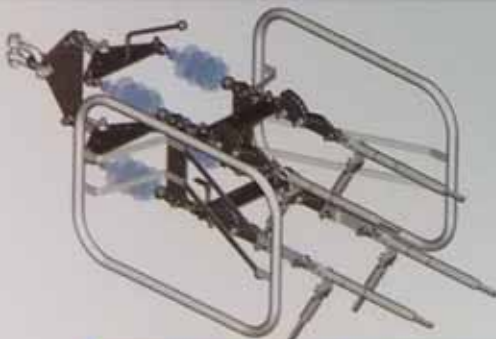
220kV Double Tension



400kV Single Tension Twin



400kV Double Tension Twin



400kV / 765kV Quad Tension Quad



765kV Quad Tension Hex

PRODUCTS

Rigid Spacers & Spacer Dampers

Spacer Dampers



Twin Spacer Damper



Triple Spacer Damper



Quad Spacer Damper



Hex Spacer Damper

Rigid Spacers



Twin Rigid Spacer



Triple Rigid Spacer



Quad Rigid Spacer



Hex Rigid Spacer

Conductor / Earthwire Accessories & OPGW Hardware Fittings



Midspan Compression Joint



Repair Sleeve



Twin Rigid Spacer



Suspension Clamp



Tension Clamp



Vibration Damper



Flexible Copper Bond



Cross By Clip



OPGW Suspension Clamp



OPGW Tension Clamp



Downlead Clamp

PRODUCTS

Sub-station Hardware Fittings



132kV Single Suspension



132kV Single Tension



132kV Double Tension



220kV Single Suspension



220kV Single Tension



220kV Double Tension



400 / 765kV Single Suspension



400 / 765kV Double Tension

PRODUCTS

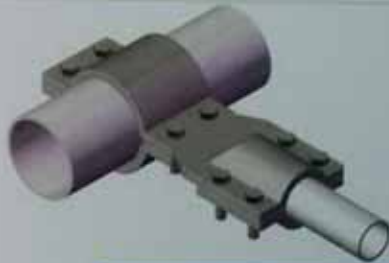
Clamps & Connectors



Bus Joint Connector (Rigid)



Bus Support Connector (Rigid)



T-Connector (Bus to Bus)



T-Connector (Bus to Conductor)



T-Connector (Bus to Twin Conductor)



T-Connector (Twin to Single Conductor)



Terminal Connector (Pad to Bus)



Terminal Connector (Pad to Conductor)



Parallel Groove Clamp



T-Connector

PRODUCTS

800kV HVDC Insulator Hardware Fittings & Accessories



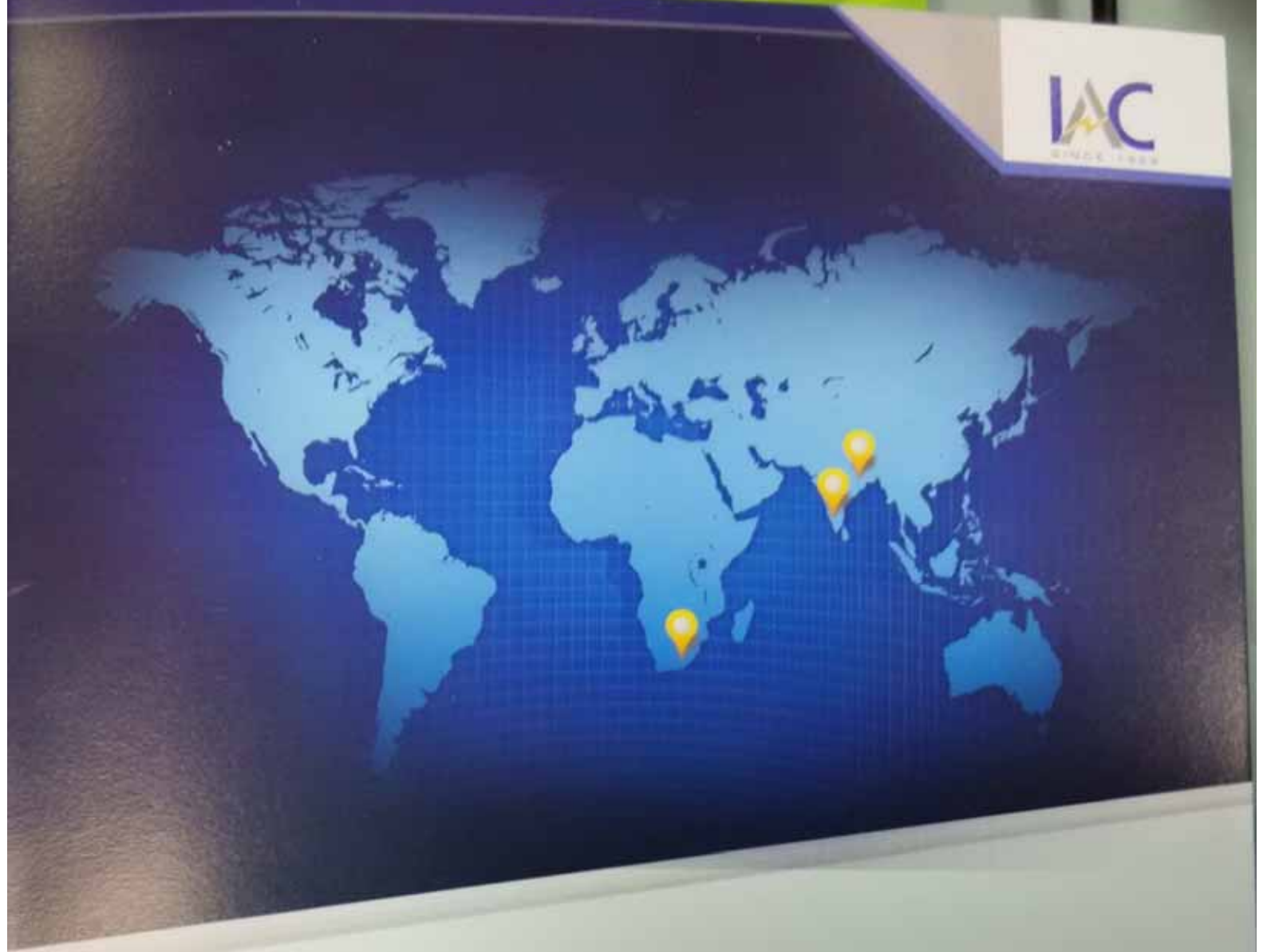
800kV HVDC 'Y' Suspension



800kV HVDC Triple Tension

CONSULTANTS APPROVAL

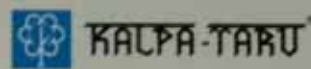
- 132kV Marsyangdi H.E. Project - Nepal
- 132kV S/C Transmission Line from Kilikhar to Lhuentse in Eastern Butan
- 132kV Transmission Azarbayjan Project – Iran
- 220kV D/C Transmission Line Project, Vizag Steel Plant - Vizag, India
- 230kV Shiraj – Sormagh Transmission Line, Tavanir, Iran
- A P State Electricity Board - India, Rayalseema T.P.S.
- Bhiradharavi 220kV T/L MSEB, India
- Bhutan Power Corporation Development & Construction Department., Thimpu, Bhutan
- BPDB - Extension of Grid Sub Stations
- Butwal – Nepalgunj Line
- Commonwealth Associates Inc. - USA
- D/C Budhipadar Bolangir Transmission Line
- Development Consultants Ltd. - India
- Durgapur Steel Plant - Durgapur, India
- Electricite De France International - France
- Essar Steel – II Project, 220/66kV TPS
- Ethiopian Electric Light & Power Authority
- Ethiopia 66kv Northern Ethiopia Power TL Project
- Ethiopia
- Ghods Niroo Monenco - Iran
- Hetauda – Biratnagar Line
- India Sanjay Gandhi T.P.S - Birsinghpur (M.P), India
- Kennedy and Dokin Power Ltd. - United Kingdom
- Lahmeyer International GMBH - Germany
- Mahaweli Transmission Power Project No.7 - Sri Lanka
- Merz & Mc Lellan Seaboard International - UK
- Moshanir Power Engineering Consultant - Iran
- M. N. Dastur & Co. - India
- Nipon Koel - Japan
- Nor Consul - Nepal
- Orissa Power Sector Restructuring Project 220kV
- Power Grid Corporation of India Ltd.
- Preece Cardew & Rider - UK
- Rural Electrification Board - Bangladesh
- SKHDB Project - Kulekhani, Nepal
- Snowy Mountains Engg. Corp. - Australia
- Tata Consulting Engineers - India
- Water & Power Consultancy Service (India) Ltd. - India.



Given below is the list of some of our esteemed clients both national as well as international in an alphabetical order:



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IAC Electricals Pvt. Ltd.
701, Central Plaza, 2/6 Sarat Bose Road
Kolkata - 700 020. India
P: +91 33 2485 8814 / 15 / 16 / 17
F: +91 33 2485 8820
E: info@iacelectricals.com
W: www.iacelectricals.com