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Efficient and Resilient Power Transmission
& Distribution Networks

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- T&D Industry Awards
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- Free to Attend



POWER Transmission & Distribution TECHNOLOGY EXPO

17, 18 & 19 November 2026
Köln Messe, Cologne, Germany

50

HV AND UHV COMPANIES TO SEE

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- Layout with **Meeting** and **Workspaces**
- In-Hall **Parking**



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Skipper Limited is one of the world's leading transmission tower manufacturers with a world-class full-scale tower testing facility

Skipper Limited is a global powerhouse in transmission and distribution infrastructure, EPC services and Polymer solutions. The company ranks among the world's top five manufacturers of transmission towers, monopoles and transmission poles, serving more than 65 countries across six continents. Backed by India's largest manufacturing capacity – approaching 450,000MT a year – Skipper delivers large-scale T&D solutions with proven reliability.

The company has supplied over 2 million metric ton towers across the world and brings over a decade of expertise in high-voltage 765kV steel structures, engineered for the most demanding power networks worldwide. Skipper's product portfolio spans lattice tower structures, steel monopoles, tubular poles and substation structures – all supported by in-house engineering teams leveraging advanced tools including PLS-Tower, PLS-Pole, and TEKLA. The company holds certifications including ISO 9001, ISO 14001, ISO 45001, ISO 3834 and CE Marking/ EN 1090.



A standout feature is Skipper's worldclass full-scale tower testing facility, featuring dual test beds for simultaneous testing. It

is not only among the largest in India, but also one of the highest-capacity test beds in the world – capable of handling ultra-heavy, high-voltage structures that most facilities cannot accommodate.

Established in 1981 – and with the flexibility to adapt to diverse technical standards and logistical environments – Skipper Limited remains a trusted partner for power infrastructure worldwide.



Transformer & Rectifier (India) Limited manufactures power, distribution, furnace and rectifier transformers in three sites across India



Transformer & Rectifier (India) Limited TARIL offers a comprehensive product portfolio that includes power transformers (5MVA to 1,000MVA, up to 1,200kV), distribution transformers up to 10MVA, furnace transformers up to 120kA, rectifier transformers up to 160kA DC – and shunt and series reactors up to 765kV, along with a wide range of special-purpose transformers for traction, renewable energy, mobile substations and inverter-duty applications.

TARIL is one of India's leading transformer manufacturers, with over four decades of engineering excellence and a strong global footprint. The company operates three state-of-the-art manufacturing facilities located at Moraiya, Changodar, and Odhav near Ahmedabad, Gujarat. These strategically located plants are equipped with advanced machinery, dust-controlled environments, and robust testing infrastructure,

enabling TARIL to meet stringent global manufacturing and quality standards.

The Moraiya facility serves as TARIL's high-voltage hub, enabling the manufacture and on-site testing of extra-high-voltage transformers up to 1,200kV, supported by ultra-modern testing laboratories and heavy-duty handling systems. TARIL's transformers are designed, manufactured and tested in-house to ensure superior reliability, safety and lifecycle performance.

With installations in over 40 countries and more than 18,000 transformers deployed worldwide, TARIL is a trusted partner to utilities, EPC contractors, multinational corporations and government bodies. The company is certified for ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018, underscoring its commitment to quality, environmental stewardship, and occupational health and safety.

Backed by a workforce of more than 3,000 skilled professionals, TARIL continues to strengthen its position as a preferred global solution provider for high-performance, future-ready transformer solutions.

Founded in 1981, TARIL has evolved into a globally respected powerhouse with a total installed manufacturing capacity of 75,000+ MVA a year, capable of producing transformers up to 1,000MVA, 1,200kV class.



Ganz Electric continues a 140-year legacy that began with the world's first transformer built at Ganz Works in 1885

Ganz Electric is a recognised electrical engineering brand, designing and manufacturing high-performance transformers, motors and generators. Today, the company specialises in power transformers, such as substation, generator, mobile and traction transformers up to 800kV, each engineered to meet specific client requirements. With a strong focus on efficiency, durability and sustainability, Ganz Electric supports TSOs, DSOs, utilities and industrial operators across Europe and worldwide.

All of Ganz Electric's transformers, motors and generators are designed and



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manufactured at its Hungarian facilities, ensuring European quality, traceability, and reliability.

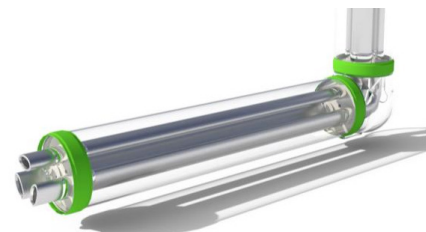
The company's mission is to merge its unmatched expertise with innovation and digitalisation. Ganz Intelligent Solutions provides real-time monitoring, thermal analysis, oil diagnostics, cooling optimisation and predictive maintenance capabilities. The platform helps operators detect emerging faults early, reduce downtime and extend asset lifecycles.



With the AI-powered Ganz Expert System, the company now offers advanced diagnostics and optimised maintenance planning for transformers and rotating machines.



Pressurised cable solutions from Hivoduct will support the transition to a more reliable and future-proof electric power grid



Hivoduct will present its latest innovative pressurised air cable solutions that are designed to support the transition towards a reliable and future-proof electric power grid.

Hivoduct's new technology uses pressurised air as an environmentally friendly insulation medium and a proprietary boltless flange design, eliminating the need for PFAS gases such as SF_6 and reducing production and installation cost.

Pressurised air cables combine excellent electrical, mechanical and thermal performance. They enable high power transmission capacity, low transmission losses, reduced electromagnetic fields and outstanding fire protection. The product portfolio covers voltage levels from 12kV up to 420kV and provides a sustainable alternative to overhead lines, XLPE underground cables and GIS busbars.

A key advantage of Hivoduct systems is their suitability for installation in existing tunnels and infrastructure corridors, minimising construction effort and environmental impact. Installed in service tunnels or protective pipes, the systems are well protected against weather influences and external interference, making them ideal for critical energy infrastructure in densely populated urban areas as well as in locations exposed to vandalism or terrorism.

NPA SKAWINA

NPA Skawina manufactures the components that are required to create a wide range of overhead conductor products – as well as aluminium wire rods for power grids

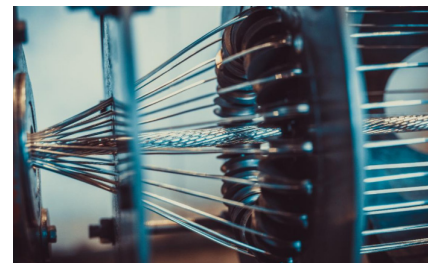
A selection of production equipment, such as continuous casting and rolling lines, drawing and twisting machines and heat-treatment furnaces allows NPA Skawina to produce a wide range of overhead conductor products. This gives the company complete control over the entire production process – from wire-rod casting to the finished overhead conductor – ensuring stable quality, repeatability and full traceability.

NPA Skawina manufactures a wide range of production equipment for a wide range of overhead conductor products. It is also one of the leading European manufacturers of aluminium wire rods and conductors for

transmission and distribution power grids.

NPA Skawina supplies high-quality overhead conductors designed for modern grid infrastructure, including AAC, AAAC, ACSR, ACSR/TW and different solutions of HTLS conductors. It also offers overhead conductor design services tailored to specific customer needs. The company's products are manufactured in accordance with international standards, ensuring consistent electrical parameters, mechanical strength and long-term reliability.

NPA Skawina's R&D Centre develops innovative conductor technologies, including ECOAL low-loss ACSR/TW conductors that reduce energy transmission losses, as well as thermal-resistant AlZr TACSR conductors for high-temperature operation.



Continuous investments in production technology, quality systems and energy efficiency strengthen the company's competitiveness and reduce the carbon footprint of its products.



The Trench Group specialises in power engineering and designs bespoke high-voltage electrical products such as instrument transformers and bushings.

The Trench Group offers a broad product range as well as solutions covering various applications and voltage levels to meet customer expectations. Trench products are installed in every corner of the world and have proven their reliability over decades.

The Trench Group is a leader in power engineering and the design of specialised high voltage electrical products, including

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instrument transformers, bushings and coil products.

Its portfolio includes instrument transformers for AIS and GIS, up to 800kV. Various insulation technologies are used, such as clean air, conventional gas and both eco-friendly and conventional fluids.

In the coil products range, The Trench Group portfolio includes air core reactors for both AC and DC applications, up to 800kV. It also features an earth fault protection system that comprises arc suppression coils and associated electronics.

Finally, The Trench Group markets transformer and substation bushings for both AC and DC applications, up to 1200kV. Again, various insulation technologies are adopted, such as RIS, RIP, and both eco-friendly and conventional fluids.

KINGSINE

Kingsine Electric Automation produces mini testers for the power transmission industry, as well as a range of other electric testing equipment

Kingsine Electric Automation is currently the only manufacturer of mini testers globally, and its testers are an excellent fit for field engineers who value portability, power and simplicity.

The company specialises in the R&D, production and sales of a wide range of electrical testing equipment, including protection relay test sets, CT/PT analysers, reference power sources and calibrators, and voltage and current amplifiers.

Since 1999, its clients have included: ABB; Siemens; Alstom; Mitsubishi; Schneider; Areva; SEL and GE. More than 13,000 units of Kingsine relay testers are currently running in over 90 countries around the world, including USA, Canada, Brazil, UK, Spain, Poland, France and Italy.

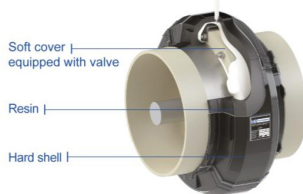


3X ENGINEERING to showcase an online SF₆ leak sealing solution, developed in partnership with EDF

REFLANGeKiT, from 3X Engineering, is an online SF₆ leak sealing solution for flange repair that has been designed, developed and tested in partnership with EDF.

REFLANGeKiT can be used for GIS flanges, applicable online and under pressure. Various pressure tests and aging tests have been performed internally and in EDF laboratories to develop a high-quality product.

The REFLANGeKiT concept is based on a double shell system that encapsulates the leaking flange. The first shell made in PVC will cover and protect the flange and collect SF₆ leaks. The second shell, made in PET, will contain 3X specific resin. An exhaust valve allows the gas to get out during resin injection; after overnight curing of the resin, the valve is closed and sealed.



Thanks to this original system, flange and bolts are protected during resin injection and disassembly. The product can be easily removed without damage.



SH POWER

Shuanghui Group specialises in HV and UHV equipment and has recently added a GIS manufacturing plant

Shuanghui Group is one of the main suppliers to SGCC (State Grid Corporation of China) and CSG (China Southern Grid), with technical leadership achieved over many decades of manufacturing.

The Group is particularly versed in HV and UHV equipment thanks to the technologies developed in the different product ranges, both for AC and DC network. Its products have been tested under a range of different climates, including arctic, temperate, tropical and marine.

Shuanghui Group delivers worldwide hardware fittings, composite insulators, distribution and power transformers, switchgear and GIS. Established over 30 years ago in Yangzhou, China, Shuanghui Group has recently added a plant for manufacturing GIS, giving it an integrated system ability for the supply of any component for grid networks. The Group also has a plant for Switchgear established in 2024 in Indonesia, to serve the local market.



Shuanghui Group is a technically advanced, reliable, fast one-stop-shop for utilities, OEMs, EPCs needs and state-of-the-art products for 21st century energy and beyond.



Tridelta Meidensha GmbH produces a range of surge arresters for medium and high voltage networks, used in numerous power generation applications

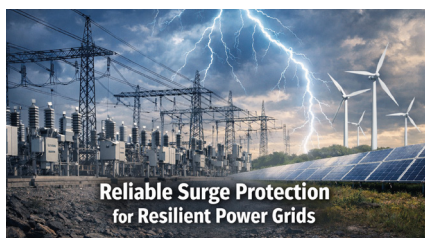
Tridelta Meidensha GmbH will present its range of polymer and porcelain surge arresters for medium and high voltage networks, used in substations, overhead lines, renewable integration and industrial applications.

Tridelta Meidensha GmbH is a globally trusted manufacturer of high-quality surge arresters for resilient transmission, distribution and industrial power systems. With proven field performance, strong engineering support and very short lead times,



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they help utilities, EPCs and OEMs improve system reliability, protect critical assets and keep projects on schedule.



**Reliable Surge Protection
for Resilient Power Grids**



DRB will showcase its autonomous aerial inspection platform designed specifically for high-voltage transmission and distribution assets.

An aerial inspection platform from DRB enables drones to operate as autonomous industrial robots, capable of performing repeatable, safety-critical inspection and testing tasks without reliance on human piloting or GPS.

A core application to be presented by DRB is live-line insulator testing. Composite and porcelain insulators cannot be reliably assessed through visual inspection alone. DRB integrates a patented electric-field probe on a stabilised robotic payload, allowing direct contact measurements on energised lines to detect internal degradation and hidden defects. This approach improves defect detection while eliminating the need for outages, helicopters or rope-access crews.

The inspection platform combines GPS-independent navigation, autonomous mission control and standardised data reporting, enabling utilities to deploy consistent inspection workflows across large networks. Operations are designed to be

performed by utility personnel after short training, reducing dependence on specialised drone pilots and external service providers.

By reducing operational risk, inspection costs and asset downtime, DRB supports utilities in moving from reactive maintenance to predictive asset management. The system is scalable across substations, transmission corridors and distribution networks – and is designed for integration with existing asset management systems.

DRB's technology represents a step change in how power grids are inspected: safer, faster and fully autonomous.



Transformers & Rectifiers Ltd's range of transformers and rectifiers is comprehensive, with the company offering bespoke solutions to customers' needs

Transformers & Rectifiers Ltd (T&R) supports critical applications where reliability, safety and performance are paramount. In certain safety-critical markets, the company holds sole approved supplier status.

Operating from its headquarters in Guildford, UK, T&R delivers one of the most comprehensive transformer and rectifier ranges available worldwide. Its in-house design, manufacturing and testing capabilities enable the development of highly engineered, bespoke solutions tailored to demanding operational requirements.

Complementing the transformer division, T&R Test Equipment Ltd. provides advanced electrical testing and measurement solutions. With a strong focus on quality, innovation and customer support, the company supplies precision test equipment to organisations ranging from multinational corporations to specialist engineering firms, enhancing safety, performance and efficiency across power systems worldwide.

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T&R is an independent British engineering company and globally recognised specialist in the design, manufacture and maintenance of liquid-filled and dry-type transformers, as well as transformer rectifiers. With over 75 years of experience, the company has developed an exceptional depth of technical knowledge, manufacturing capability, and application expertise.

Together, the T&R Group combines engineering heritage with modern innovation to deliver dependable, high-performance solutions to a global customer base.



Euromek prides itself on customer satisfaction, with tailored solutions for customers looking for current and voltage transformers for medium- and high-voltage applications



Euromek is a manufacturer of high-quality instrument transformers, offering reliable and precise solutions for energy measurement and monitoring. Its product range includes current and voltage transformers for medium- and high-voltage applications, ensuring accuracy, durability and safety.

At Euromek, customer satisfaction is the priority. The company provides tailored solutions to meet specific project requirements and offers technical support to ensure seamless integration of its products. Euromek's commitment to innovation and

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continuous improvement drives it to develop efficient and cost-effective measuring transformers.

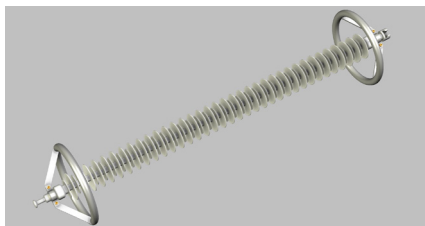
The company uses advanced technology and rigorous quality control processes to guarantee optimal performance in various industries, including power distribution, renewable energy and industrial automation.

With that focus on reliability and compliance with global standards, Euromek has built a strong reputation in the industry. Whether for utility companies, industrial facilities, or infrastructure projects, its transformers deliver precision and efficiency in energy measurement.

With years of expertise in electrical engineering, Euromek designs and produces transformers that meet international standards and customer expectations. Choose Euromek for cutting-edge technology, exceptional quality – and a dedicated team that ensures the best solutions for energy measurement needs.

KUVAG

KUVAG to debut long rod insulators, alongside station post insulators, cable terminations and hollow core insulators



With an eye on the latest innovations for the power grid of tomorrow, KUVAG will use the expo to showcase its brand-new long rod insulators. These components have been specifically developed for 110kV to 400kV applications, expanding the company's portfolio into the highest voltage classes.

KUVAG is a specialist in the design and manufacture of high-performance insulation components made of epoxy resin and composite. It provides essential solutions for the global energy sector, mobility and

industrial applications, ensuring maximum safety and durability.

Alongside the new long rod insulators, visitors to the KUVAG stand will see: station post insulators ranging from 7.5kV to 220kV and all cast in HTV silicone; cable terminations covering the 24kV to 550kV range and hollow core insulators that have been expertly designed for high mechanical strength and electrical reliability.



Dalekovod OSO provides bespoke products to the energy industry such as substation accessories, catenary systems and HT equipment



As a member of the KONČAR and DALEKOVOD Group, Dalekovod OSO develops and manufactures high quality hardware and fittings for OHTL up to 750kV.

A skilled team of engineers and the company's own tooling department at Dalekovod OSO means it can offer a high level of flexibility to its customers, manufacturing both standardised and tailor-made fittings according to specific needs.

The Dalekovod OSO product portfolio covers substation accessories, catenary systems and HT equipment. The range of products offered includes: OHTL fittings; substation connectors and contact network fittings.

Within its scope of services, it also provides testing and evaluations in an accredited laboratory facility as well as damping studies within its R&D department. All Dalekovod OSO products are manufactured according to the latest industry standards

and the company is proud to own a Croatian Quality certificate. Dalekovod OSO quality certifications include: ISO 9001; ISO 14001; ISO 45001; EN ISO 50001; ACHILLES and Croatian Quality.

All of the company's manufacturing and testing facilities are situated in Croatia, Europe (European Union). With over 75 years of experience in manufacturing, Dalekovod OSO is active in more than 80 countries worldwide and is recognised as a global energy partner and solution provider.

KEMA Labs

CESI Group

KEMA Labs conducts tests of high, medium and low voltage equipment in order to prove their reliability and suitability for the transmission and distribution industries

KEMA Labs provides testing, inspection and certification services, particularly for the transmission and distribution (T&D) sector. Its labs are internationally recognised and accredited, ensuring the highest standards of quality and reliability.

The company offers comprehensive testing for high voltage (HV), medium voltage (MV), and low voltage (LV) equipment, as well as protection equipment and IEDs verifying that customer products meet all relevant standards and perform reliably under various conditions. Inspection services – both on-site and in the lab – provide detailed reports confirming compliance with international standards. Additionally, certification services endorse the quality and safety of T&D products, helping clients gain market access and customer trust.



HV AND UHV COMPANIES TO SEE



Pragati Electricals brings more than 50 years of experience in the design and manufacturing of instrument transformers for power distribution

Pragati Electricals is engaged in the design and manufacture of instrument transformers and related electrical equipment for power distribution and industrial applications.

Founded by electrical engineers with deep technical expertise, Pragati has earned a reputation for high quality standards, engineering rigour and enduring industry partnerships. The company has over 50 years of experience of delivering high-quality and reliable solutions for electrical transmission and distribution.

Operating from three advanced manufacturing facilities in western India, Pragati integrates modern production technologies with stringent quality protocols. It is also ISO 9001:2015 certified, and its products are designed and tested in accordance with IEC and IEEE standards.

With decades of experience, Pragati Electricals can offer solutions across low, medium and high-voltage segments, including indoor and outdoor applications for AIS and GIS. Throughout its steady growth, the organisation has remained guided by its founding principles – reliability in performance, technical accuracy and consistent manufacturing excellence.

Today, as the global power sector continues to evolve towards greater efficiency and resilience, it remains committed to delivering robust and reliable electrical solutions.

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Elcon Megarad produces cable joints, terminations and components for power networks of all voltages, through two Italian production sites



Elcon Megarad is a qualified and reliable partner for professional solutions for low-, medium- and high-voltage power networks. Serving the industry, the company designs, manufactures, tests and supplies cable accessories and components for electric networks all over the world.

Two Elcon Megarad production sites in Italy – covering a total area of 30,000m² – produce cable joints, terminations and components for low, medium and high voltage power cables for professional installations used by distribution system operators.

The product range includes: resins and mastics; heat-shrink solutions; cold-shrink solutions and separable connectors. Elcon Megarad supplies individual components as well as kits complete with all components for installation on the cables.

The company's joints and terminations are not only tested in own in-house laboratories, but also type tested by the most prestigious independent laboratories to certify the superior quality of design and production.



Bekaert's Expo focus will be on high-tensile steel wire cores for overhead power conductors, supporting those customers considering grid upgrades



Bekaert delivers high-strength steel wires and strands for offshore and onshore energy applications, proven across both static and dynamic environments. The company will present high-tensile steel wire cores for overhead power conductors, developed to support efficient grid upgrades through reconductoring and new line construction. Norm-compliant core designs such as S5A, S7A and S8A enable higher current-carrying capacity while maintaining sag within required limits.

For new lines, their combination of exceptional mechanical strength, low weight and minimal sag makes them well-suited for long spans, harsh weather conditions and lighter tower designs – resulting in a leaner infrastructure with a lower total cost of ownership.

They also bring their expertise to subsea energy systems with steel armouring wires, including Bezinnox non-magnetic solutions, which protect submarine power and data cables against mechanical loads and corrosion in demanding offshore environments. Together, these technologies reflect their commitment to delivering lower-carbon, high-performance solutions across the full energy value chain.

With more than 140 years of expertise in steel innovation, Bekaert supports the energy sector with advanced wire solutions designed to help shape the way we live and move – safely, smartly and sustainably.

HV AND UHV COMPANIES TO SEE



EMCO Industries Limited is Pakistan's largest producer of porcelain insulators and high-voltage (HV) switchgear equipment

EMCO supplies high-quality, type-tested porcelain insulators and substation equipment to both local and international markets, including the USA, Brazil, Argentina, Turkey, the Middle East and Taiwan.

Its comprehensive product portfolio includes IEC & ANSI class suspension type cap and pin insulators (disc insulators) and line post, pin type, spool, strain/guy and station post insulators (up to 500 kV). The company also produces LT, HT and hollow insulator bushings, porcelain cut-outs, surge arresters (up to 420kV), instrument transformers (up to 245kV) and disconnect switches (up to 245kV).

The company operates high voltage and mechanical testing laboratories accredited to ISO/IEC 17025 standards. Facilities include impulse testing up to 1800kV, power frequency testing up to 700kV, PD-free testing up to 350kV and pollution testing setups.

Established in 1954, EMCO has played a pivotal role in the power and energy sector, contributing to infrastructure development. With a strong focus on R&D, EMCO continuously provides advanced technical solutions, including room temperature vulcanisation (RTV) coatings to enhance performance under polluted conditions.

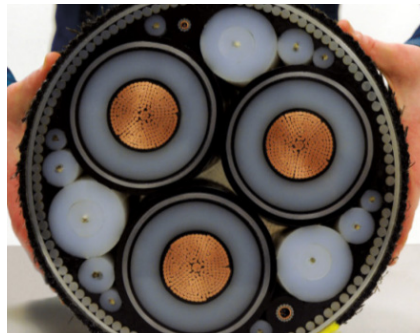


Bynoc offers a full range of engineering services for high-voltage cable systems and infrastructure, designed with technical excellence and economic efficiency in mind

Whether customers are modernising a power network or connecting a renewable plant, battery storage, data centre or any

application system, Bynoc can deliver them reliable, future-oriented solutions with technical depth and project transparency. With Power System Studies, Bynoc provides in-depth studies for the reliable and compliant integration of new systems into the energy grid.

The advice and support provided to customers ranges from planning and project management to the installation of power cable infrastructure, both for AC and DC grids – onshore and offshore. From site analysis to cable specification, Bynoc guarantees maximum efficiency and reliability at every project stage from tendering to commissioning. Its service also includes all electrical, thermal and mechanical (cable pulling forces) calculations.



AC or DC cable systems are developed and specified using technical and economic criteria, from design and logistics to documented quality checks at every stage of the route planning project. Using this approach, Bynoc designs the most suitable cable for each connection, creates the cable specification and accompanies the process from production to commissioning.



APAR Industries Limited is a global manufacturer of aluminium and alloy conductors – and a leading turnkey reconductoring solutions provider

APAR conductors play a critical role in strengthening transmission and distribution networks for leading utilities, EPC contractors and grid operators operating in diverse geographies and climatic conditions. In Europe, APAR has supplied conductors across numerous countries, such as the UK, Finland and Sweden.

The APAR product portfolio includes a comprehensive range of T&D conductors, from conventional AAC, AAAC, ACSR and ACAR to high-ampacity and advanced technology conductors such as ACCC®, GAP-type, TACSR, STACSR, ACSS and OPGW cables. All the conductors are engineered to enhance grid efficiency, capacity and reliability.



APAR's advanced and green conductor solutions directly enhance grid sustainability. High-efficiency products such as ACCC-ULS and continuously transposed conductors reduce technical losses, while HTLS and reconductoring solutions enable utilities to uprate existing transmission corridors without additional right-of-way, minimising environmental impact and permitting complexity.

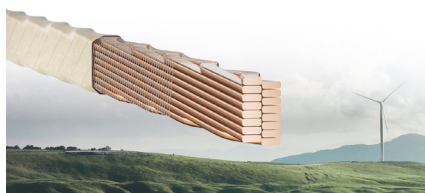
Trusted in more than 140 countries for over 60 years, the company's products are independently tested and certified by leading international laboratories, ensuring compliance with stringent national and global standards for safety, performance, and reliability.



HV AND UHV COMPANIES TO SEE

ASTA

ASTA Energy Solutions AG delivers the advanced conductor technologies that power the backbone of today's and tomorrow's energy infrastructure



ASTA's products are embedded at the heart of modern energy systems: from high-voltage power transformers and industrial generators to the rapidly expanding global network of data centres driving electrification and digitalisation.

ASTA's Continuously Transposed Conductors (CTCs) form the technological core of mid to large power transformer windings. Designed for superior electrical performance, they minimise losses, improve thermal stability, and enable compact, durable winding configurations capable of withstanding the highest mechanical loads.

In the generator segment, ASTA's precision-engineered R  belbars ensure exceptional efficiency and reliability. By effectively reducing eddy current losses and supporting optimal power density, they serve as critical components in high-performance industrial generators and power plants. With more than 210 years of engineering excellence ASTA ranks among the world's leading manufacturers of R  belbars, offering unmatched vertical integration and customer-specific production accuracy.

Beyond CTCs and R  belbars, ASTA provides a comprehensive product portfolio of flat wire solutions, insulating systems, and specialised copper conductors – serving transformer manufacturers, generator OEMs and data centre infrastructure providers across the world.



SGB-SMIT Group develops and manufactures distribution and power transformers from 30kVA to 1,200MVA, with voltages up to 765kV



The SGB-SMIT Group product portfolio includes oil transformers up to 1,200MVA and 765kV, furnace and rectifier transformers, oil distribution transformers up to 36kV, cast resin transformers up to 25MVA and 36kV, phase shifters, compact stations, earth fault suppression coils, neutral point transformers and reactors.

Applications include power grids, battery storage, charging infrastructure, data centres, H2 generation, wind turbines on- and offshore, biomass, industrial distribution grids, large buildings, mass transit, subways, infrastructure and power generation.

SGB-SMIT stands for professionalism, experience, technological expertise, reliability, economic efficiency and sustainability.



DILO stands for expertise and innovation in the safe handling of SF₆, offering a complete product and service portfolio for insulating gases

From the provision of quenching and insulating gases based on newly processed components to comprehensive service for all DILO components to specialised services in sub-stations – such as installation, dismantling and disposal in both medium and high-voltage systems – DILO reliably supports its customers throughout the entire life cycle.



Efficient, sustainable and future-proof, DILO always has the right expert with the right equipment for its customers.



Calibre Specialty Elastomers (CSE) manufactures silicone rubber compounds engineered for power transmission and distribution applications

Calibre Specialty Elastomers (CSE) will showcase its advanced HCR silicone compounds for high-voltage insulators, moulded and extruded cable accessories and specialty grid components.

The compounds are developed with a focus on anti-tracking performance, flame

HV AND UHV COMPANIES TO SEE

retardancy (FRLS), electrical reliability and long-term weathering resistance – critical for modern grids integrating renewable energy and operating under increasingly demanding environmental conditions.

A core differentiator of CSE is its proprietary mixing cycle process, ensuring exceptional batch-to-batch consistency and measurable quality control. This manufacturing discipline translates into higher productivity for insulator and cable accessory manufacturers through optimised curing behaviour, stable rheology and reduced process variability.

CSE also tropicalises its compounds to suit diverse climatic conditions – from high humidity coastal regions to extreme temperature environments – maximising field performance and manufacturing efficiency.

Beyond materials, CSE is committed to rapid technical support, with site assistance typically available within 24 hours.



Lapp Insulators provides ceramic long-rods, post insulators and hollow core insulators as well as evaluations of existing insulations

Lapp Insulators offers a full range of AC and DC sustainable ceramic insulators for MV, HV and UHV applications, adapted precisely to existing climate, environmental and stress conditions.



The company provides ceramic longrods for overhead line business uses, post insulators for substation applications and hollow core insulators for OEM and switchgear demands, Lapp Insulators also offers a strong

technical performance, making it your first choice for insulation technology solutions.

It also offers an evaluation service of old insulators at the end of their lifecycle, together with field simulations, type tests and seismic calculations.



PPC Insulators supplies electrical porcelain insulators for substation, overhead line and precipitator applications



PPC Insulators helps utilities, contractors and OEMs build and maintain high-capacity, stable electrical grids and specialises in porcelain insulator designs up to 1,200kV AC and 1,100kV DC system voltages.

Its extensive knowledge, expertise and technology enables it to produce insulator designs of superior quality and deliver them all over the world. The proven strength and longevity of porcelain insulators make them a safe and reliable solution for demanding environmental conditions.

Compared to other types of insulators, porcelain insulators are ideal for a safe and stable power supply without power failure and with low operating costs. Under polluted conditions, insulators can be subjected to extreme electrical field stress causing tracking and erosion. Porcelain insulators will only show minor surface marks but maintain 100% mechanical strength.

All components of PPC's porcelain insulators are fully recyclable in the manufacturing process and throughout their lifecycle, so they leave a significantly lower carbon footprint. Once properly installed, their porcelain insulators retain reliability for decades.



NKT designs, manufactures, installs and services low-, medium- and high-voltage power cable solutions that enable the reliable transmission of energy



Since 1891, NKT has continuously advanced power cable technology, supporting the evolution from the first electric light installations to today's large-scale renewable energy systems powering homes, industries and communities.

NKT has grown into a global company with a strong commitment to innovation, sustainability and operational excellence. The company's long-standing expertise, together with close collaboration with customers and partners, ensures that its solutions contribute to the development of efficient, resilient and future-ready energy infrastructure.

NKT is headquartered in Denmark and operates from more than 30 locations worldwide, reflecting both a strong regional presence and a truly international footprint. Today, around 6,000 dedicated employees work across the company's global operations, all contributing to NKT's mission of enabling the transition to a greener energy future.

NKT connects a greener world with high-quality power cable technology and plays a key role as the world moves towards clean energy.



HV AND UHV COMPANIES TO SEE



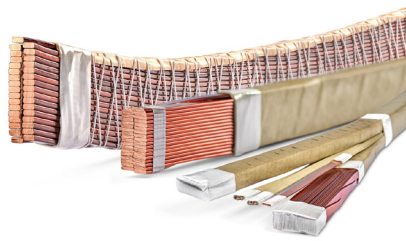
Essex Solutions Srl's Italian plant produces continuously transposed conductor and copper/aluminium profiles for HVDC cables

Essex Solutions is a leading manufacturer of continuously transposed conductor (CTC) and copper/aluminium profiles for HVDC cables.

The company's plant, located in Quattordio, Italy, has recently celebrated its 60th anniversary.

Essex Solutions has introduced several groundbreaking CTC products in recent years, including Twin CTC, 60 micron CTC, Silver Alloy CTC, and Aluminium profiles for submarine HVDC cables.

The company's R&D team works hard to create systems supporting connectivity, interoperability and scalability of the grid. Working in conjunction with international teams, it has been able to create unique solutions for specific customer needs.



Among the recent outstanding projects are the ULTRANET Corridor in Germany, which includes complex TWIN CTC, powering HVDC transformers along 1,000km, as well as the VIKING project.

On the copper profiles, the Tyrrhenian-link is an underwater cable that will connect Sicily with Sardinia and the Italian peninsula at a depth of 2,000m. This is the deepest subsea power cable in the Mediterranean, with a capacity of 1,000MW.

Meanwhile, NeuConnect is the first direct power link between Germany and Great Britain. The project will allow up to 1.4GW of electricity, enough to power up to 1.5 million homes.

In 2025, the Quattordio plant also reached

a significant milestone breaking its own record of selling a total volume of 12,000 metric tons of CTC in a single year. The facility continues to be a hub of innovation and excellence, driving the future of CTC technology.



At Power Transmission & Distribution Technology Expo 2026, C&G Agency GmbH will present its new patented solution of lightweight, modular, multi-sensors ready link box for HV cables systems

C&G Agency GmbH is a Swiss-based consulting and interim management firm operating at the intersection of engineering, energy, and advanced technologies.

Based on over 30 years of experience in the HV cables business, the company supports industrial players, startups, and research organizations in turning complex technical concepts into practical, scalable solutions, providing strategic, commercial and technical services, and supporting people development.



Allied Insulators

Allied Insulators offers an extensive and diversified range of high specification, quality insulators, overhead line fittings and switch disconnector products

Allied Insulators has been designing, manufacturing and supplying insulators for more than 150 years. Since electrification until the present day, Allied Insulators has shaped the power industry and its evolution.

Incorporating renowned brands such as Bullers Insulators and Doulton Insulators, the company has adapted to the ever-changing demands of the marketplace. All their products are designed and engineered to meet the rigorous demands of the industries

they serve.

Allied Insulators has a proven reputation for quality, innovation, flexibility and a highly responsive service based on many years' experience. The company is a leader within the industry, committed to continuous development as a world class business.



Dynex Semiconductor engineers high-power semiconductor solutions for a more electrified future.

From renewable energy farms and HVDC transmission networks to rail transportation, industrial power systems and fusion energy research, Dynex technologies help customers convert, control and deliver electrical power efficiently and reliably around the world.

As one of the few vertically integrated power semiconductor manufacturers in Europe, Dynex controls the entire production process from device design and wafer fabrication through to assembly, testing, and application support. This unique capability enables close engineering collaboration, exceptional quality control and the flexibility to develop solutions for some of the world's most demanding applications.

The company's portfolio includes high-power thyristors, diodes, GTOs, IGBT modules, silicon carbide (SiC) power modules, GaN modules, power assemblies and custom-engineered solutions. These technologies support critical infrastructure where reliability, performance and long operational lifetimes are essential.

Today, Dynex products are helping to power the transition to a cleaner, more connected and more electrified future, supporting renewable energy generation, strengthening power grids, enabling efficient transportation and advancing scientific discovery.



HV AND UHV COMPANIES TO SEE



**TECHNICAL ASSOCIATES
TRANSFORMERS LTD.**

TA Transformers Ltd. is one of India's leading transformer manufacturers, producing oil-filled transformers ranging from 10MVA, 33kV to 500MVA, 400kV at its state-of-the-art transformer facility in Sitarganj, North India.

TA Transformers has an installed base exceeding 175,000MVA and is a leading supplier of power transformers up to 400kV to major transmission and distribution utilities, global EPC contractors, renewable energy and industrial projects across India and more than 20 countries worldwide.

The company recently entered the European market with a prestigious order for a 40MVA, 140kV HV power transformer for a data centre project in Sweden, to be delivered on a fast-track schedule of ten months from drawing approval. The transformer has now completed FAT and type-testing at their NABL-accredited EHV test lab and will be shipped to Sweden by the end of June 2026.

Over the last few years, TA Transformers has carried out successful first-attempt short-circuit tests on power, auto and specialised transformers, from 20MVA, 66kV to 500MVA, 400kV range, at an independent testing short circuit test lab, thereby proving their design and manufacturing capabilities.

The company is keen to explore further opportunities in Europe for the supply of power transformers. With their strong supply management team and relations with global transformer component vendors, they offer fast track delivery of transformers between 8-12 months especially up to 245kV class.



Suzhou Jiumei Fiberglass Co. Ltd. specializes in the research and development, production and sales of composite external insulation for substations and power transmission and distribution lines



The company's power portfolio includes glass insulators, composite hollow insulators and bushings, widely praised for their high quality and reasonable prices.

Jiumei's products cover voltage levels ranging from 72.5KV to 1000KV, with an annual output of about 22,000 pieces.



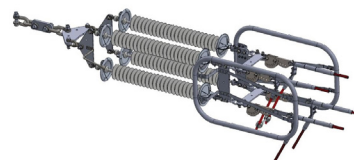
Asbesco (India) Private Limited is a leading ISO certified manufacturer and exporter of insulator hardware fittings and conductor and ground wire accessories (including OPGW fittings) for overhead power transmission and distribution lines.

Asbesco's strong global presence and decades long supply record includes accolades for a number of 800kV HVDC and 765kV HVAC transmission lines in India and for several 500kV transmission line projects abroad, including Africa, Middle East, South-

east Asia, Far East and South America.

The company's recent achievements include:

- Addition of complete string (hardware plus insulators) mechanical and vibration test set-up at their in-house NABL-accredited lab for up to 800kV level



- Augmentation of scope of their NABL accreditation of in-house testing lab
- Approval as vendor from National Grid, UK / USA
- Development and supply record of various types of HTLS conductor fittings
- Satisfactory performance certificates from Utilities such as ISA, Colombia



KEI is a globally recognised manufacturer of wires and cables, providing a complete portfolio of cables ranging from 150V to 400kV.



KEI offers a diversified portfolio spanning power cables (EHV up to 400kV, HV, MV and LV), solar cables for renewable energy, control and instrumentation cables, fire survival/resistant cables, marine and offshore cables, and house wires and flexible cables,



HV AND UHV COMPANIES TO SEE

delivering safe, reliable and high-performance solutions across the entire voltage spectrum.

Trusted globally in over 65 countries, KEI caters to sectors including renewable energy, transmission and distribution, infrastructure, data centres, oil and gas, and transportation.

The company has a turnover of approx. \$1.25bn with headquarters in New Delhi, India and eight manufacturing facilities located in India.

KEI is an ISO 9001: 2015, ISO 45001: 2018, ISO 14000: 2015 certified company. The company's products have been successfully type-tested in international laboratories like KEMA, CESI, FGH, DNV, BASEC, ensuring compliance, performance and reliability. KEI has certified its products to major international standards like IEC, BS, SABs, CSA, NEK 606, TUV, UL, CPR, LPCB, UKCA, CE, AS/NZS, ANSI and many more.



TS Conductor Corp. manufactures a new class of high-efficiency overhead conductors based on its proprietary Aluminum Encapsulated Composite Core (AECC) technology.



As a purpose-built pioneer in advanced grid infrastructure, TS Conductor is transforming electricity delivery worldwide. Designed to accelerate the global energy transition, the company helps utilities fast-track renewable integration and optimize both reconductor-ing and new construction projects.

TS Conductor's breakthrough technology delivers 2x capacity/ampacity, low sag and reduced line losses, ensuring unparalleled performance and long-term longevity and resilience.

By eliminating the need to replace existing towers, TS Conductor unlocks massive CAPEX savings and lowers total cost. Furthermore, it offers exceptional workability: it is the only advanced conductor that is safe and easy to install, using the same work methods and standard practices as traditional equipment.

Visitors to the TS Conductor stand will discover how these AECC solutions deliver next-generation benefits while remaining simple and safe to deploy on any power grid.



EBRA Power Connection Systems is a leading Turkish manufacturer specializing in composite insulation solutions and transmission line components for the power industry.

With more than 60 years of engineering heritage, over 15 years of manufacturing experience and two modern production facilities covering a total area of 23,000m², EBRA Power Connection Systems delivers high-quality products designed to meet the evolving needs of transmission, distribution, railway electrification and renewable energy projects.

The company's product portfolio includes silicone composite insulators ranging from 11kV to 800kV, hollow composite insulators, surge arresters, transmission and distribution line hardware and fittings, vibration and spacer dampers and railway electrification components. Each product is designed and manufactured in accordance with applicable international standards and customer-specific requirements, ensuring excellent electrical performance, mechanical strength and long-term reliability under demanding operating conditions.

EBRA Power Connection Systems

combines advanced manufacturing technologies, strong engineering expertise and rigorous quality-control processes to provide solutions for utilities, EPC contractors and system integrators worldwide. The company's commitment to innovation, flexibility, sustainability, quality and customer satisfaction enables it to support projects efficiently at every stage, from design to delivery.



Ankara Seramik Porselen Sanayi ve Ticaret A.Ş. delivers high-quality electrical porcelain solutions for reliable power transmission and distribution networks worldwide.



With extensive experience in porcelain manufacturing, Ankara Seramik produces a wide range of insulators and customized ceramic components designed for demanding high-voltage applications. The company's products support utilities, grid operators and infrastructure projects by providing reliable insulation solutions with high mechanical strength, electrical performance and long operational life.

Through advanced manufacturing technologies, strict quality control processes and continuous improvement, Ankara Seramik ensures products meet the requirements of modern energy systems and international standards. Its expertise in electrical porcelain enables the company to develop solutions for substations, transmission lines and distribution networks.

As power grids continue to evolve with renewable energy integration and increasing demand for reliable electricity supply,

HV AND UHV COMPANIES TO SEE

Ankara Seramik contributes to safer, more efficient and resilient energy infrastructure. With a commitment to quality, innovation and customer satisfaction, the company continues to strengthen its presence in global markets.



Modern Insulators Limited (MIL) is a leading manufacturer of Extra High Voltage porcelain and composite insulators for power transmission and distribution applications ranging from 33kV to 1200kV.



With over three decades of experience, MIL is a pioneer in manufacturing porcelain insulators, including Porcelain Long Rod Insulators (PLRI) for transmission lines, hollow and solid-core post insulators for power substations, and electrification and traction insulators for railway applications.

The company is approved by numerous overseas utilities (including Red Electrica-Spain, Terna-Italy, Iberdrola-Spain, Teias-Turkey, Tenaga-Malaysia and Lapam-Mexico) and all major EPCs and OEMs globally (including the Oman Electricity Transmission Company), for factory-coated porcelain long rod insulators with voltage ratings of 132kV and 400kV.

MIL is an ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 Certified Company. The company's annual capacity is 27,600MT, and approximately 50% of its sales come from exports to more than 70 countries worldwide.



ELEXO S.r.l. is an Italian manufacturer specializing in flexible power connections for high-current systems, supporting OEMs, transformer manufacturers, switchgear builders, EPCs and system integrators from engineering to series production.

The company designs and manufactures braided flexible busbars, insulated flexible busbars and laminated flexible shunts, alongside tailor-made solutions engineered to meet specific electrical, thermal and mechanical requirements.

Designed for demanding applications with high current density and increasingly compact layouts, ELEXO connections combine electrical performance with mechanical flexibility, accommodating vibration, thermal expansion, movement and installation tolerances while reducing mechanical stress on equipment.

ELEXO's solutions are used worldwide in transformers, switchgear, generators, power converters, BESS, renewable energy and data centers, where reliability and efficient power transmission are essential.

The company's innovation continues with the ELEXOBUS Flexible Power Link System, developed for longer high-current connections as a compact, flexible and ready-to-install alternative to conventional rigid busbars and multiple parallel cables.

With in-house engineering, tooling and manufacturing across two production plants in Italy, ELEXO combines application know-how and industrial capability to deliver reliable power connection solutions, from prototypes and special projects to high-volume production.



Gebrüder Kunz GmbH specializes in flexible and innovative solutions for high-current engineering.

Headquartered in Maxdorf, Germany, what began in 1922 as a craftsman's workshop has grown, across four generations, into a trusted manufacturer serving power plants, industrial facilities, and chemical operations worldwide.

Gebrüder Kunz GmbH's product portfolio centers on high-quality components for high-current installations, including press-welded and press-riveted copper connectors, inert-gas welded aluminum connectors, braided copper connectors, and expansion connectors designed to absorb thermal movement in demanding electrical systems.

The company also produces copper and aluminum busbars, laminated busbars, and earthing/grounding tapes engineered for reliable current conduction and safety compliance.

Beyond standard components, Kunz offers tailor-made special components developed to meet specific customer applications, backed by in-house engineering for the design and planning of complete high-current installations. Their

service portfolio extends to revision and mounting support, ensuring installations remain efficient and compliant throughout their lifecycle.

With a strong focus on quality management, energy efficiency, and environmental responsibility, Gebrüder Kunz GmbH delivers complete high-current technology solutions from a single source, combining decades of expertise with forward-looking innovation for customers at home and abroad.

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HV AND UHV COMPANIES TO SEE



H&S is a technology, engineering and system integration partner for digital substations, power transmission and distribution systems, and modern secondary technology.

H&S supports utilities, grid operators and equipment manufacturers throughout the lifecycle of substation automation projects, from engineering, production and system integration to testing, commissioning and training.

A key focus is IEC 61850. H&S's solutions enable manufacturer-independent SCL engineering and validation for complex protection, control and automation systems. The company supports manual and fully automated testing using IEC 61850 and IEC 60870-5-104, with additional protocols integrated as required. Combined with its IPS-20 process simulator, H&S's solutions enable closed-loop testing from simulated process signals through the hardware interface and back, providing comprehensive validation of the automation chain.

As a system integrator, H&S plans, designs, builds and commissions complete secondary systems for high- and extra-high-voltage substations. Their expertise covers protection, control and substation automation, combining practical project experience with in-depth knowledge of international standards and digital technologies.

By combining system integration with their own engineering and testing solutions, H&S create consistent workflows across the entire project lifecycle, enabling reliable, interoperable and future-ready substations, and supporting the digital transformation of transmission and distribution networks.



Transrail is a leading turnkey engineering, procurement and construction (EPC) company with primary focus on the power transmission and distribution sector.

With its headquarters in India, four decades of experience and more than 2,800+ employees on its payroll, Transrail is a global enterprise with a footprint in 64 countries across six continents. The company provides turnkey solutions from designing, engineering, supply, manufacture, construction and testing services across all its business verticals which include transmission lines, substations, civil construction, railways, solar and pole & lighting.

As part of Power T&D business, Transrail has large-scale manufacturing facilities in India for galvanized lattice towers, overhead conductors and galvanized monopoles in addition to a well-accredited tower testing facility.



Atlanta Electricals Limited (AEL) is one of India's leading transformer manufacturers.

With over three decades of engineering excellence and a strong global footprint, AEL has grown from a modest unit manufacturing distribution transformer to a reputed manufacturer of UHV Class Power Transformers with a total installed manufacturing capacity of 63,000+ MVA per annum across five manufacturing facilities in India.

The company's product portfolio includes power transformers (10 MVA to 500 MVA, up to 400 kV & 765 kV), auto transformers (66 kV to 230 kV), inverter duty transformers (0.6 kV to 33 kV), furnace transformers (arc and induction, up to 50 MVA / 66 kV), generator transformers, special duty transformers, testing transformers and reactors.

Backed by a workforce of 500+ skilled professionals, AEL continues to strengthen

its position as a preferred global solution provider for high-performance, future-ready transformer solutions.



VERTIND (VERTrieb INDustrie) is an independent consultancy firm presenting state-of-the-art HV solutions for grid digitalization and grid stability.

Established in 2019 by its founder and CEO Leonardo Maschietto, with almost two decades of experience in the field of electric energy, VERTIND brings to TSO/DSO/EPCs a panel of handpicked manufacturers with consolidated experience, references and products tested and commissioned in any climate zone.



The company's Optical Current Transformer (OCT) is the spearhead of the products exhibited: the solution allowing real-time monitoring of power flow in converter stations, with highly accurate current and voltage measurements even during severe grid transients.

OCT has been commissioned in a high number of 550kV, 800kV, 1100kV UHVDC projects. Digital integration is guaranteed with seamless interface with IEC 61850-compliant digital substations, providing direct sampled values for merging units and protection relays.

HV AND UHV COMPANIES TO SEE

Cybersecurity is also guaranteed: OCT offers passive, non-electrically conductive monitoring, enhancing grid resilience without introducing vulnerabilities.

OCT significantly reduces equipment footprint and weight, which lowers structural and installation costs and simplifies maintenance thanks to its gas/oil free construction.

Visit the VERTIND booth to find out more about tailor-made, state-of-the-art, sustainable optical solutions for your grid digitalization.



Billets Elektro Werke Pvt. Ltd. (BEWL) is an established Indian manufacturer and exporter of electrical connection and cable termination products.

Incorporated in 1990, the company operates a modern manufacturing facility at Umbergaon, Gujarat (India), where it manufactures a wide range of electrical components using copper, aluminium and other suitable materials.

BEWL's product portfolio includes tubular cable lugs, sheet-metal lugs, long- and short-barrel lugs, connectors, butt splices, C-connectors, PG clamps, split bolts, copper and aluminium DIN spec lugs and connectors, copper semis and customised components, all designed for applications involving electrical cable termination, connection, distribution and power transmission.

The company also focuses on precision

manufacturing, product consistency and quality control, supported by modern machinery, tooling and automated production processes.

BEWL has developed expertise in cold-forming, crimping, brazing, plating and other manufacturing technologies used in electrical terminals and connectors. Its products are supplied to customers across domestic and international markets, with exports contributing significantly to its business.

With an emphasis on research and development, consistent quality and assured deliveries, BEWL aims to provide reliable electrical connection solutions for industrial and commercial applications. Its manufacturing capabilities also include copper tubes, rods, sections and strips, along with customised components for specific customer requirements.



Danish Power is a global manufacturer of high-performance electrical equipment and substation solutions.

Founded in 1985 and listed on the NSE India, Danish Power is a global manufacturer of power and distribution transformers with an annual capacity of 11,000+ MVA (expanding to 25,000 MVA by 2028) and exports across 34+ countries in Europe, the Middle East, Australia, and Africa.

The company's core offerings include:

- Power Transformers: Up to 100 MVA, 245 kV class (400 kV class coming 2028)
- Renewable Solutions: Multi-winding trans-

formers (up to 20 MVA 33 kV) for solar, wind, and BESS

- Distribution & Specialty: Dry-type cast resin, ester-filled, pad-mounted, converter and furnace transformers
- Substation Automation: Compact/skid substations, control relay panels and SAS SCADA (up to 400 kV)

With 700+ professionals and over 300 major renewable project deployments worldwide, Danish Power supports utility-scale infrastructure for leaders such as Siemens, ABB, Tata Power, NTPC,

Acciona Energy and Adani Green.

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