



High- and medium- voltage grid connections

Energy solutions for power suppliers, industrial facilities, and renewable energies



You can benefit from our solid experience in providing engineered power system services in more than 300 national and international projects within the field of Power Plant Construction.

Contact us:

+49 (0)9385 9804-5300

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BEL-AC-Netztechnik Netz EN 2018-05-07

From project planning to commissioning – we are a one-stop provider.

Mit der BELECTRIC GmbH entscheiden Sie sich für einen Partner, der spezialisiert ist auf die Planung und Inbetriebnahme von Kraftwerksanbindungen und Industrieanlagen. Für Sie übernehmen wir die Erstellung des Konzeptentwurfs für die Netzanbindung sowie den Schutz Ihrer Anlage. Dabei werden die jeweiligen Erfordernisse und die technischen Anschlussbedingungen des Energieversorgungsunternehmens berücksichtigt. Wir sorgen für eine lückenlose Montage und einen störungsfreien Betrieb. Als System- und Servicelieferant erhalten Sie bei uns auf Ihre Bedürfnisse zugeschnittene wirtschaftliche und technische Lösungen.

Our range of expertise in establishing grid connections comprises the following services:

- Planning and building electrical substations and medium-voltage transfer stations
- Planning the primary and secondary technology
- Developing protection concepts, selective tripping plans
- Construction planning, urban land-use planning
- Approval planning
- Handling project management, comprising project control, deadline and cost monitoring, contract management, application formalities with power suppliers and documentation
- Installing cables and lines as well as planning cable runs and routes
- Earth termination and lightning protection systems, overvoltage protection
- Instrumentation and control as well as remote control systems
- Setting protection parameters as well as primary and secondary testing in high and medium voltage
- Maintenance and service
- Retrofitting – modernizing existing high-and medium-voltage plants and equipment, e.g. by replacing high-, medium- and low-voltage plants, transformers, cables and cable support systems

Your benefits from cooperating with BELECTRIC GmbH:

- ✓ Turn-key competency
- ✓ Highly-qualified mechanical and electrical engineers
- ✓ Professional interface management between our customer and project partners
- ✓ Product know-how independent to manufacturers
- ✓ Economically- and technically-tailored solutions
- ✓ Short reaction times in case of malfunctions
- ✓ Experience in national and international projects

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