

## Services

### Consulting

Our specialists have many years of project experience and a great deal of technical expertise in many industries. We can provide competent advice, independent of any system.

### Engineering

Whether generating specifications, process layouts, implementation, or documentation, our services cover the entire spectrum, from basic to detail engineering.

### Installation management and commissioning

We have installation and commissioning personnel with extensive experience and intercultural competence, who can be deployed anywhere in the world. We will always find the right team for your job.

### Project and site management

Our project and site managers prove their exceptional professionalism once again, with experience and an aptitude for improvisation, and ensure routine project management even in hectic situations.

### Service and trouble shooting

In order to guarantee full availability of your system, our team provides competent and fast service for all kinds of power technology.



INP Schweiz AG is an engineering firm with a global presence, working in the fields of process controls engineering, power and automation technology, and thermal process engineering. As a manufacturer-independent service provider, INP Schweiz AG is part of the INP International Projects group, and for almost 20 years, has been a flexible and reliable partner for companies in the fields of: power plants, power technology, iron/steel industry, and mechanical and plant engineering.

The core services of our highly qualified engineers are consulting, engineering, U.S. services, as well as commissioning for national and international projects. We generate feasibility studies and optimization analyses, and provide well-grounded technical consulting. In addition to basic and detail engineering, we provide our own internal test facility and additional technical services, such as construction site management, installation management, and commissioning, as well as international personnel provision. INP International Projects employs 220 people, with a total of five locations in Germany, Switzerland, Austria, the USA, and South Africa



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## Power technology

### Technical Services



## Know-how & areas of operation



### High-voltage engineering (primary side) up to 550kV

- High-voltage components (load switches, circuit breakers, earther, power transformers, surge arresters)
- Grounding and lightning protection
- Power grid engineering

### Medium and low-voltage systems, auxiliary plants

- Medium and low-voltage systems
- Auxiliary equipment (AC/DC supply, low-voltage transformers)
- Protection equipment, other auxiliary equipment etc..
- Cabling and wiring
- Power grid engineering

### Instrumentation and controls engineering (secondary side)

- Station and power grid systems
- Controls systems (controllers, interlocks, signaling, operator interface)
- Protection technology (busbar protection, impedance protection, differential protection, transformer protection, etc.)
- Measurement technology (current transformers, voltage transducers, etc.)

### Power plant engineering

- Medium and low-voltage switch gear
- Power generator circuit breaker
- Auxiliary equipment (AC/DC supply, low-voltage transformers)
- Excitation systems and synchronization equipment
- Gas turbine starters
- Cabling and wiring
- Protection systems, auxiliary equipment, etc.

### Power plant protection

- Medium and low-voltage protection
- Turbine and generator protection
- Power transformer protection
- Measurement technology (current transformer, voltage transducer, power meter etc.)

### Rectifier and drive technology

- Medium and low-voltage drives
- High-current rectifiers
- High-power frequency converters
- HVDC Transmission
- Filter systems

## Core competencies

INP International Projects supports energy providers and industry with reliable and economical transport of electrical energy from the power plant to the consumer. As an independent specialist in power technology, we can build on our experience and technical expertise to develop powerful, secure, and always cost-effective solutions for new construction and retrofits. We are at home with power plant switch gears and high-voltage systems, and implement projects from problem analysis and solution development through commissioning and handoff, including all auxiliary equipment and secondary technical systems, such as generator protection, excitation systems, transformer protection, high-voltage protection, and power grid systems.

### Quality, made by INP

Our expertise extends across the entire spectrum of power technology. From consulting and planning - especially on-site engineering - through installation supervision and management, commissioning, training, maintenance, and service, we provide the highest level of professionalism. This is demonstrated by numerous projects in power plants, high-voltage systems, and other industrial systems. INP is your strong, reliable partner for sustainable solutions.

