

## Automation is your passion? We are looking for you - Join our Team!

We are looking for  
**IT-Network Communication & Security Engineer** (f/m/d)  
for HVDC Projects

Established in 2005, Siemens Energy Power Control GmbH has been ever since a reliable partner in several areas dealing with automation systems. Further on, we support our customers in the Siemens Energy Consortium in all areas concerning project execution and software development. Located in Langen and Nürnberg our company is characterized for having a flat hierarchy as well as a young, dynamic, and international team, all these factors ensure the success of our customers and business partners.

**Location:** Nürnberg or Langen (Hessen)

**occupation:** Fulltime

### Key Responsibilities

- Project Engineering "IT Network Communication" for HVDC control & protection systems (LAN/ WAN Communication, Time synchronization, remote access, telecommunication (Design of the IT network infrastructure for control & protection equipment utilized in HVDC plants to ensure reliable communication between the various automation devices, integration of process devices and subsystems in the network)
- Creation and maintenance of project specific technical specifications, documents & manuals. Clarification of communication concepts with internal departments and external suppliers and customers.
- Configuration of communication components (router, switch, firewall, master clock, etc.) under consideration of IT- security requirements
- System integration and commissioning of the various components in the test field in Erlangen (Verification of proper communication between the various components, IT-Security, time synchronization, redundancy, etc.) Conduct/ support Factory Acceptance Tests with sub suppliers and customers
- Technical support during commissioning phase

## Your Profile

- Degree in electrical engineering, automation technology or network / communication technology
- Several years of work experience in networks for control systems
- Experience in project engineering, customer clarification, working in complex teams
- Understanding for SCADA systems as part of energy transmission system (Substations, etc.)
- Technical English/ German

## Your Know How

- Theoretical know how TCP/IP, routing, switching, redundancy mechanisms time synchronization, etc.
- Configuration of Switches, routers, firewalls from manufacturer CISCO, RuggedCom, Checkpoint, etc.
- IT Security for IT networks, regulations, and hardening measures to fulfil the same
- Network monitoring and trouble shooting
- Remote access via terminal server
- Telecommunication to establish remote connection between control systems

## We offer

- A Future oriented working environment with growth perspectives
- Outstanding development possibilities
- Opportunity to contribute to the energy transition in a highly motivated and international project teams in HVDC projects
- Open feedback and failure culture
- Collaboration with a wide variety of customers, such as developers or transmission system operators, in different countries
- Payment according to Union Frame contracts

Interested!?! Submit your application in digital form to following Address:

[sepc-application@siemens-energy.com](mailto:sepc-application@siemens-energy.com)

If you prefer, you can also submit your printed application to our HR Department in Langen.

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