



Swissgrid

High voltage power line construction

Project Description

- Mast head replacement of a 220 kV support mast

Role & Scope

INP Schweiz's professional project management enabled to realise this time-critical power line project. This made a valuable contribution to Switzerland's energy supply stability.

- Implementation of an ESTI order for the installation of double insulators
- Project management for all SIA phases 32-53
- Procurement for all replacement components
- Close contact with the authorities for straightforward procedures
- Supervision of the construction site with regard to staff safety, as well as environmental protection
- Proactive and flexible coordination to ensure quality, timeframe and budget requirements are fully met
- Follow-up documentation for future construction projects

Technical Component Details

- Swissgrid 220 kV power line between Bonaduz (Graubünden) and Rüthi (St. Gallen)
- Three phase double string construction
- 220 kV system voltage
- Installation by means of adjustable frames
- New: Support mast with double insulators

See time-lapse video of the mast head replacement



REFERENCE



Customer: **Swissgrid**



Location: **Domat/Ems, Switzerland**



Project Duration: **6 months**



Services: **Project Management**

"The INP expert was able to handle the project to Swissgrid's complete satisfaction."

PHILIPP MÜLLER,
HEAD OF PROJECTS LINES/SUBSTATIONS