

Ohio River USA

Voith CSW Meldhal Bulb Turbine Components

Project Description

The Cannelton Hydroelectric Project is an 88 MW run-of-the-river hydroelectric power plant providing new, renewable generation to the region. The facility is located on the Ohio River near Hawesville, Kentucky. The Cannelton Project diverts water from the existing U.S. Army Corps of Engineers Cannelton Dam through bulb turbines anticipated to generate an average annual output of approximately 458 million kilowatt-hours (kWh). The site includes an intake approach channel, a reinforced concrete powerhouse and a tailrace channel. The powerhouse contains three horizontal bulb-type turbine and generating units with a total rated capacity of 88 MW at a gross head of 25 feet.



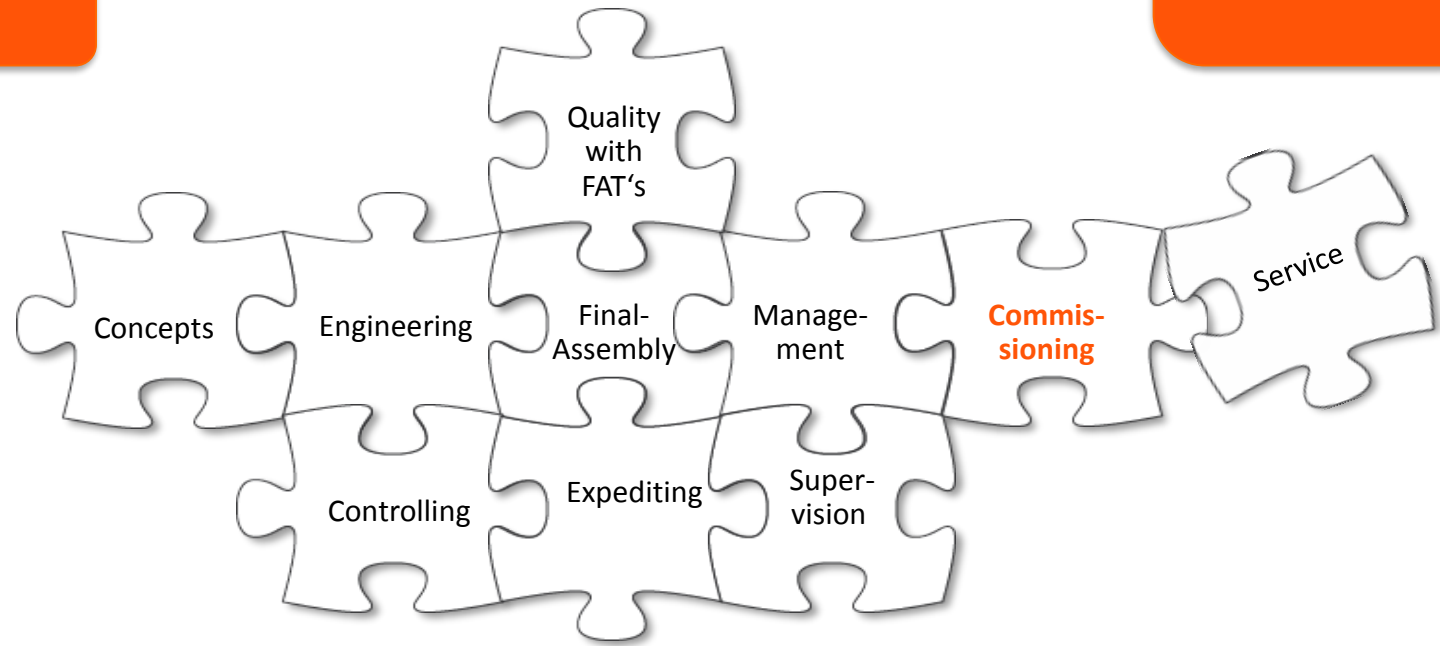
Role of INP Switzerland

Commissioning of following equipment at above mentioned hydro power plants

- Incoming line protections and measuring (SEL-311L)
- Gas insulated switchgear protections (Siprotec 7UT635)
- Generator step-up transformer protections and measuring (Siprotec 7UT633)
- Generator protections and measuring (Siprotec 7UM622)
- Generator automatic and manual synchronization (Siprotec 7VE632, 7VE611)
- Protection server (remote Digs/SEL communication with the protection relays)

Smart E-Engineering Services

Flexibility throughout the project



At your service at any time

Fair. Virtuous. Reliable. Competent. Transparent.