



Client: CURRENTA Krefeld-Uerdingen  
Voltage range: 12 kV  
Rated current: 4,000 A  
Short circuit current: 50 kA  
Work areas: Engineering  
Challenge: Clear representation of complex interrelations

## Feasibility study determines most economical solution

### **CURRENTA Krefeld-Uerdingen, feasibility study for the replacement or retrofitting of a power plant**



When an electrical system is nearing the end of its service life, it is important to consider whether an extension of its useful life or a replacement with a new system makes more economical sense.

GSB has created a feasibility study for CURRENTA investigating the options of replacement or retrofitting of a power plant in Krefeld-Uerdingen. The study is based on an inventory of the existing actual data, the estimation of the future power demand, and the assessment of the costs to be expected. The analysis of this data led to the conclusion that the replacement of the existing power plant is the most economical solution.

As a follow-up project, GSB was commissioned to take over the preparation of tender documents and planning dates while considering the times for procurement, installation and commissioning.