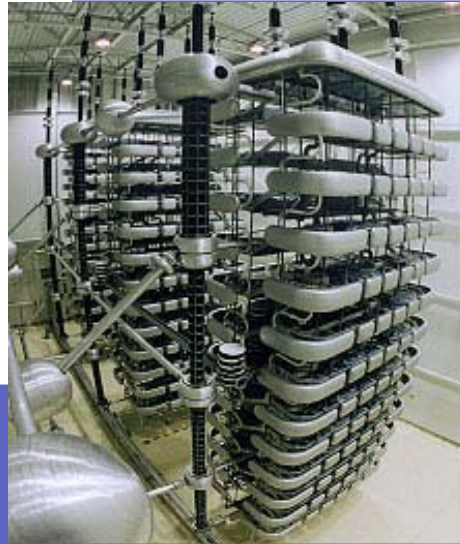


ABB Power Systems



Transmission AIS



ABB

Introduction



- **The overall network structure, customer reliability requirements and operation or maintenance philosophy govern the choice of technical equipment.**
- **In many cases there is a specification describing the technical requirements and how they should be met for the main products and sub-systems. As a AIS system supplier there is a guarantee that the desired substation functionality is met.**



Customer Value



- **Competent partner for overall electrical system advise and studies**
- **Delivery secured by ABB to be in line with regulations and requirements**
- **Optimized economical and technical solutions, by utilizing the broad competence in ABB**
- **Products from ABB Power Technologies, a world-class manufacturer of high voltage products**
- **Solutions in line with customer specification**
- **Low design and execution risk with ABB as system supplier**



Scope of Supply



- **System analysis**
- **Engineering and project management**
- **Complete Turn-key AIS Transmission Substations 170-800 kV**
- **Major products such as High Voltage Products (Circuit Breakers, Instrument Transformers, Power Transformers etc) of ABB own make**
- **Compensation and filter equipment**
- **Monitoring, control and protection system for electrical scope including SCADA system**
- **DC auxiliary systems**
- **Power and control cables**
- **All steel structures**
- **Civil works, installation and commissioning**
- **Training and Documentation**
- **After Sales Support**



Reference Projects



- Al Shemal, Iraq
- Thornton, UK
- Slatina, Romania
- Caruachi, Venezuela





A global leader
in power and automation technologies
that enable utility and industry customers
to improve their performance
while lowering environmental impact