

Reference: **693**



Type:

Technical Brochures

Title:

Experience with equipment for series and shunt compensation

WG A3.33 investigated the technical requirements for equipment relevant to series and shunt capacitor compensations. Series compensation technique has been widely used to increase transmission capability of EHV power transmission systems. This technique was recently applied to UHV power systems, and played an important role in increasing the transmission capacity of single UHV line to 5 GW. The WG also studied the requirement for equipment applied to shunt compensation. TB provides the impact of both series and shunt compensation on transmission systems and equipment, and suggests some countermeasures to decrease potential risks for system and associated equipment based on the field experience.

More Informations :**File Size:**8,1 MB **Pages NB:**146 **Study Committee :** A3 **WG (TF):**WG A3.33 **Year:**2017
