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- Generation techniques ranging from advances in conventional electromechanical methods, through nuclear power generation, to renewable energy generation.
- Transmission, spanning the broad area from UHV (ac and dc) to network operation and protection, line routing and design.
- Substation work: equipment design, protection and control systems.
- Distribution techniques, equipment development, and smart grids.
- The utilization area from energy efficiency to distributed load levelling techniques.
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