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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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Electric Power Systems Research is an international medium for the publication of original papers concerned with the generation, transmission, distribution, and utilization of electrical energy. The main focus of EPSR is the electric power system from a systems point of view. The scope of EPSR covers the planning, analysis, reliability, operation, and economics of electric power systems for industrial, public, and home consumption. EPSR welcomes papers in the area of Power System Planning and Implementation, Power System Analysis and Computation, Electric Energy Production also from Renewables, Power Systems Operation, Power System Dynamic and Transient Performance, Power Systems Protections, Electric Transportation Systems, Insulation Coordination, Power System Economics, and Power Engineering Education. The mission of EPSR is to publish and disseminate important research results of lasting value in order to serve the Power System community at large, from scientific researchers, to application engineers, educators and students.

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