”Call for papers”
Cigré session 2016
SC C1 och C3

Paris- deadline är 30 juni

SC C1 - SYSTEM DEVELOPMENT AND ECONOMICS

PS1 / STATE OF THE ART APPROACHES AND STANDARDIZATION IN ASSET MANAGEMENT DECISION MAKING

- Life-cycle cost-based techniques.
- Using enhanced asset data and information.
- Investment requirements for better integration of transmission and distribution.

PS2 / INTERFACE AND ALLOCATION ISSUES IN PLANNING T&D NETWORKS WITH MULTI-PARTY PROJECTS

- Business models for sharing of costs, benefits and risks between parties; approvals from different authorities.
- Centralisation or decentralisation of system design decisions.
- Examples: interconnectors; distribution-transmission interface; system services from external systems, e.g. distribution, neighbouri ng transmission.

PS3 / NEW SYSTEM SOLUTIONS AND PLANNING TECHNIQUES FOR FLEXIBLE AND ROBUST SYSTEM PLANS

- Taking into account environmental and social impact using scenario based techniques.
- Achieving optimal solutions for the entire power system with all stakeholders.
- The particular cases of embedded HVDC, offshore grids and the technological fit of system services from renewable energy sources.

SC C3 - SYSTEM ENVIRONMENTAL PERFORMANCE

PS1 / ENVIRONMENTAL LIABILITIES OF TRANSMISSION AND DISTRIBUTION ASSETS

- Best practices regarding prevention, investigation and remediation of environmental damage.
- Operational and financial impact on property transfer and grid projects (substations, cables & lines), and of incidents on existing assets.
- Methodologies and techniques for environmental due diligence audits.

PS2 / OVERHEAD LINES AND UNDERGROUND CABLES: ACCEPTABILITY ISSUES

- Specific impact assessments (e.g. EMF, visual impact, biodiversity, noise, soil heating, land use, grid losses) during life-cycle of the assets.
- Mitigation and compensation policies and measures.
- Strategies, methodologies and techniques for stakeholder engagement.

PS3 / CLIMATE CHANGE: IMPLICATIONS FOR ELECTRIC POWER SYSTEMS

- Methodologies and techniques to improve grid energy efficiency.
- Greenhouse gas (GHG) emissions accounting and reduction measures for T&D companies.
- Risk assessment, resilience and adaptation measures.