

Study Committee C1

Colin Ray, 30/11/2009



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Study Committee/Working Groups

- ◆ 62 C1 members including 4 from UK
- ◆ 15 active Working Groups (various stages) – 160 members
- ◆ UK representation sought on the following WGs:
 - ◆ C1.15 Review the drivers for transmission investment decisions and the role of technical planning criteria in transmission investment
 - ◆ C1.20 Accommodating high load growth and urban development in future plans and their environmental effects
 - ◆ C1.21 What advanced components and technologies are needed and which are available or under development to assist system development and planning?
 - ◆ C1.22 New investment decision processes and regulatory practices required to deal with changing economic drivers
 - ◆ C1.23 Transmission Investment decision points and trees
 - ◆ C1.25 What are the factors and information that need to be considered for asset management decision making in the context of a low-carbon future?

Sessions/Symposia

2010

- ◆ Paris, 22 – 27 August
- ◆ Preferential Subjects
 - ◆ Solutions for planning power systems for a low carbon energy future
 - ◆ New business processes to support / facilitate power system design for a low carbon energy future
 - ◆ Asset management challenges/strategies (replacement, refurbishment and maintenance) for a low carbon energy future

2011

- ◆ Recife, Brazil
- ◆ 11-15 April (TBC)
- ◆ Joint with C1/C2/C4
- ◆ Working title: “Keeping the lights on with a changing energy mix”

Workshops/Tutorials

- ◆ C1 continues to organise workshops/tutorials at its symposia
- ◆ Target audience includes delegates, young engineers and engineers of the host country
- ◆ Guilin (China) workshop held in October
 - ◆ *Wind Generation: Issues for Investment and System Operation*
 - ◆ 100 delegates
 - ◆ Presentations on :
 - ◆ Overview of system issues associated with wind generation
 - ◆ Introduction to techniques used in forecasting of available wind power
 - ◆ Introduction to issues associated with system stability in the presence of a large penetration of wind power
 - ◆ Incentives to investment in wind generation and system capacity – an international comparison
 - ◆ Slides on UK and C1 websites