

第5号議案

国際大電力システム会議に係わる国際会議への職員派遣について

(案)

本機関の業務の遂行に必要な知見の充実を図るため、諸外国の系統技術者等が参集し系統計画業務等に関する議論及び情報交換を行う国際会議に職員を派遣することとする。

1. 派遣する会議及び対象者について

会議名： CIGRE International Symposium 及び SC-C1 Regular Meeting

開催場所： Lund, Sweden

期 間： 2015年5月25日～5月29日 (旅程：5月24日～5月30日)

テーマ： Across Borders – HVDC Systems and Market Integration

対象者： 計画部長 藤岡直人 [SC-C1 国内分科会委員長(日本代表委員)]

予 算： 80万円

以 上

別紙： 会議スケジュール等

Homepage SC C1 > Events > Cigre Events



SC C1

System Development and
Economics



Cigre Events

C2, B4, C1, C4 & C5 Symposium: Across Borders - HVDC Systems and Market Integration

Lund, Sweden, May 2015

Click [here](#) to access the conference website

Remember! Last date for the 'Early Bird' fees is 31 March 2015

Schedule

DAY	MORNING	AFTERNOON	EVENING
Mon 25th	SC C1 Meeting	SC C1 Meeting	C1 Dinner
Tue 26th	C1 WG Meet	Tutorials / C1 WG Meetings	
Wed 27th	Welcome Address / Plenary Session	Sessions: B4, C1, C5	Gala Dinner
Thu 28th	Sessions: B4, C1, C2, C4	Sessions: B4, C2, C4	
Fri 29th	Technical tour	Technical tour	

Tutorial on the afternoon of Tuesday 26th May

Topic (draft)	Lead SC
Voltage source converters (VSC): modular multi-level converter (MMC) options and their advantages and disadvantages for different applications; (Start with quick recap on LCC)	B4
Prospects and limitations in respect of future ratings of cables for HVDC operation	B1
Conversion of AC OHL to DC operation; hybrid operation on common towers	B4
Feasibility and options for multi-terminal operation of HVDC grids (control of terminals, management of faults)	B4
Operation of HVDC within AC systems: black-start capability; supplemental control options; the advantages of the controllability of HVDC and how a planner, operator or market might use it	C1
The challenges that are faced when merging markets across borders, how they can be overcome and ongoing issues	C5