

When grids get smart

Smart Grids

智慧型電網技術研討會



日期：98年04月08日

地點：台北國際會議中心

艾波比股份有限公司

ABB



「智慧型電網」技術研討會

活動流程

時間	研討內容	講師
08:30 ~ 09:00	報到	
09:00 ~ 09:20	開場 (Opening)	C. Eric Kan
09:20 ~ 09:50	Smart Grid Drivers	Man-Yan Ng
09:50 ~ 10:30	ABB Smart Grid and portfolio	Karl Elfstadius
10:30 ~ 11:00	休息 (Break)	
11:00 ~ 11:30	What do an evolution into a Smart Grid require? - System requirements - Increased demand on reliability (HVDC) and efficiency (FACTS) in HV systems - Increased need of controllability of loads (FACTS) in tomorrows HV systems - High Voltage power devices required – ABB in house	Håkan Johansson
11:30 ~ 12:00	ABB Smart Grid for transmission and integration of renewables - Network Manager - Integration of wind energy, challenges... - Energy storage - Increased grid capacity with increased stability - Voltage control, reactive power - HVDC	Håkan Johansson
12:00 ~ 13:30	午餐 (Lunch)	
13:30 ~ 14:00	ABB Smart Grid for distribution - Network Manager - DMS - Distribution Automation - Communication	Binh Lam
14:00 ~ 14:30	ABB Smart Grid for demand response - AMI - Home automation	Binh Lam
14:30 ~ 15:00	休息 (Break)	
15:00 ~ 15:30	What are the Smart Grid challenges in the Taipower system	Håkan Johansson
15:30 ~ 16:00	Smart Grid references	Binh Lam
16:00 ~ 16:30	Q & A	