



Workshop

OffshoreDC project

Challenges and opportunities for offshore grids in the Baltic Sea

October 29, 2014

Betonimiehenkuja 4, GTK

VTT, Espoo, Finland

The workshop aims at presenting the status of the on-going research for the development of offshore grids in the North and Baltic Sea. Relevant stakeholders – TSOs, utilities and academia – are invited to share their experiences and visions with OffshoreDC project partners.

Agenda:

10:45	Welcome and Registration	
11:00	Introduction and Workshop Objectives	<i>Nicolaos A. Cutululis, DTU Wind</i>
11:05 – 13:30	Converter interactions	<i>George Stamatiou, Chalmers University</i>
	Control in clusters of wind power plants connected to HVDC offshore grids	<i>Poul Sørensen, DTU Wind</i>
	Transient conditions and component protection in HVDC offshore grids	<i>Walid Ziad El-Khatib, DTU Elektro</i>
	Offshore grid design and market impact	<i>Vin Cent Tai, NTNU</i>
	Offshore grid operation and control	<i>Atsede Gualu Endegnanew, NTNU</i>
	Feasibility study of offshore grids in the Nordic region	<i>Niina Helistö, VTT</i>
13:30 – 14:15	Lunch	
14:15 – 16:30	-Fingrid long-term plans to connect wind power and using HVDC	<i>Maarit Uusitalo, Fingrid</i>
	MEDOW – Multi-terminal DC grid for offshore wind	<i>Jun Liang, Cardiff University</i>
	IceWind – Improved forecast of wind, waves and icing	<i>Niels-Erik Clausen, DTU Wind</i>
	REservices – Economic grid support services by wind and solar PV	<i>Juha Kiviluoma, VTT</i>

The workshop is free of charge. The space is limited, so registration is required. For registration, please send an e-mail with your details to niac@dtu.dk before October 24th.