



Workshop

OffshoreDC project – status and perspective

November 19, 2013

DONG Energy
Nesa Allé 1, Gentofte
Denmark

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:

9:45	Welcome and Registration	
10:00	Introduction and Workshop Objectives	<i>Nicolaos A. Cutululis, DTU Wind Energy</i>
10:10	OffshoreDC Project Structure and Objectives	<i>Poul Sørensen, DTU Wind Energy</i>
10:30 – 12:30	Converter interactions	<i>George Stamatiou, Chalmers University</i>
	Control in clusters of wind power plants connected to HVDC offshore grids	<i>Lorenzo Zeni, DONG Energy Wind Power</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 / Kiviluoma Juha, VTT</i>
	Feasibility study of offshore grids in the Nordic region	<i>Sanna Uski-Joutsenvuo, VTT</i>
12:30 – 13:30	Lunch	
13:30 – 16:00	ENTSO-E HVDC grid code	<i>Kent Sørbrink, Energinet.dk</i>
	Challenges in electrical systems design for offshore wind power plant developers	<i>Bo Hesselbæk, DONG Energy Wind Power</i>
	Borkum Riffgrund wind power plant and updates from Cigré WG B4-55	<i>Jesper Hjerrild, DONG Energy Wind Power</i>
	Coffee break	
	Harmonics and active filtering in offshore wind power plants	<i>Łukasz Kocewiak, DONG Energy Wind Power</i>
	Transients in offshore wind power plants	<i>Iván Arana Aristi, DONG Energy Wind Power</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