



Interconnectors

26th June 2018

Location: IWEA Offices, Naas, Co. Kildare

Course Outline

An in-depth look at the role of Interconnectors in Ireland and the way that they can support the market, the grid infrastructure and the development of renewable. This would include:

- How Interconnectors work – technically and commercially....what factors make a good interconnector project,
- Grid infrastructure to connect Interconnectors,
- Interconnector location, design & technology,
- Permissions, surveys, and resource assessments
- Market and Regulatory Overview and Update with regard to European and GB systems

Who Should Attend?

This course is designed for wind farm owners and developers, interconnector developers, investors and policy makers in Ireland.

Content

Introduction to interconnectors

- Current regulatory position in Ireland
- Elsewhere in Europe
- Impact on Grid, System Balancing and Generation Mix

Interconnector development process

- Technology selection (HVAC / HVDC, VSC / LCC)
- Environmental and Planning consents
- Grid Connection
 - Eirgrid connection process & costs
 - GB / French connection process & costs

Contact:

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Green Tech Skillnet

C/O IWEA

Sycamore House

Millennium Park

Osberstown, Naas,

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Interconnector design

- Offshore Technology – an overview
- Cost impact of design decisions
- Grid Code Compliance Requirements
- Decision making and trade-offs under uncertainty

Regulatory Mechanisms

- Developer led markets in Ireland and GB
- TSO led markets in Europe
- UK cap and floor mechanism
- Irish support mechanism

Market, Policy and Project Context

- Current Projects Update
- Policy – Renewable Energy and Interconnection Targets and how they affect each other
- Market - EU electricity market integration / Brexit and how they may positively impact Ireland / French Interconnectors but negatively impact Ireland / GB interconnectors.

About the trainers

Rachel Hodges is the Managing Director of TNEI, and has nearly 20 years of experience in the power sector covering major project design and specification through to infrastructure planning. She has led a number of Offshore Wind projects, ranging from concept selection to detailed compliance studies. This has given Rachel an in depth understand of the technology barriers to offshore HVDC development and provided excellent contacts and relationships with many key technology suppliers and major offshore wind farm developers.

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Stephen Dixon leads the Offshore Renewables work at TNEI and has exceptional experience in large projects and offshore wind. He is a Chartered Electrical Engineer with over 20 years experience in the design, installation and commissioning of projects within the power industry and has a broad range of experience in power systems studies, grid code compliance, technical strategy and project management for the power sector including offshore transmission and offshore wind. He has also worked closely with offshore wind developers, Ofgem, OFTOs and NGET on a variety of projects including due diligence studies, conceptual design studies, and technical assessment of HVAC versus HVDC systems, full life system costs and detailed technical work such as harmonics assessment, filter design and submission of design information to NGET.

Other Course Information

The course will be developed with the support of Cathryn Hooper of Low Source Carbon who has considerable experience of Interconnector development from a regulatory and market perspective.

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Date: 26th June 2018

Registration: 09:00am Start: 09:30am Finish: 5.00pm
Location: IWEA offices, Naas, Co. Kildare

Cost: Company Member : €485
 Non Company Member : €680

Trainers: Rachel Hodges and Stephen Dixon, TNEI

I wish to reserve:
No. of Places: €

Trainee (s) Details:

Name: _____

Company (as invoice) _____

Address: _____

Email: _____

Phone: _____

Please tick your preferred method of payment. Please note payment must be received in advance of course.

Failure to give 48 hours notice of cancellation will result in loss of refund

Payment Options:

Cheque Credit Card
Invoice PO Number
Card No:
Expiry: Name: CCV no:

Please forward registration form and payment to Green Tech Skillnet, c/o IWEA Sycamore House, Millennium Park, Naas, Co. Kildare OR Email: jeanette@iwea.com Tel: +353 (0) 45 899341

