

Reaching for Safety Excellence in Wind



Health & Safety Conference

Wednesday 15th June 2011

8:00am Registration & Coffee, Exhibition Viewing

Session 1 Building Renewable Energy Projects: Reaching for high standards

Chair: TBC Session Sponsor: TBC

09:00 Welcome Address

Stephen Wheeler, IWEA Chairman

09:10 Context for the day

Michael Walsh, Inspector, HSA

09:25 Developing an Industry Standard & Lessons Learned

Paul Whelan, Safety & Environment Manager, SSE Renewables & Michael O'Grady, Health & Safety Manager, ESB Wind Developments

10:00 Influence of Windfarm Design/Construction on Turbine Installation

Declan Corrigan, Technical Manager, Wind Hoist

10:20 Designing in Safety - A Practical Example

Sarah Stapleton, Geotechnical Engineer, ESB International

10:30 Tea, Coffee & Exhibition Viewing

Session 2 Emergency Response

Chair: TBC, Session Sponsor: TBC

10:50 Briefing on Industry Risk and IWEA Activity

Michael Bermingham, Operations Safety Coordinator, ESB International

11:00 Emergency Communications

Tony O'Brien, Head of the Emergency Call Answering Service, ComReg

11:15 Dealing with Fires in Windfarm Environments

Keith Leonard, Assistant Fire Advisor, National Fire Service, DOE

11:30 Accidents & Ambulance Response

Pat McCreanor, Command and Control Reconfiguration Project, National Ambulance Service

11:45 Irish Coast Guard

Hugh Barry, Irish Coast Guard

12:00 Wrap Up

Michael Bermingham, ESBI

12:10 Q&A

Panel

12:20 Lunch

Session 3 Wind Turbine Logistics & Transport Safety

Kevin Moloney, Head of Renewable Energy, Siemens Ireland, Sponsor: Siemens

13:30 Lessons Learned: The Big Incidents

Mike Boyce, Environment, Health & Safety Manager, GE Energy

13:45 Learning from Experience/Reaching for High Standards, an IWEA Code of Practice for Transport

Paul Whelan, Safety & Environment Manager, SSE Renewables & Mark Hartley, Vestas

14:15 Challenging Sites & Logistics

Ally MacPherson / Carsten Pedersen, BMT

14:35 Tea, Coffee & Exhibition Viewing

Session 4 Workshop

15:00 Workshop

All Participants

15:20 Workshop

All Participants

15:40 Workshop

All Participants

16:00 Wrap-Up

TBD

16:30 Close

Michael Walsh, CEO, IWEA

16:30 Conference Close

ElecTEC 11 Better Technology = Higher Yields

This event will consider the new technologies that are being introduced to power systems. The event will particularly focus on measures that will allow improved utilisation of renewable generation assets. It will look at enabling technologies such as Electric cars and demand participation, system control measures to facilitate greater deployment of renewables and an overview of operating experiences from across the world. The speakers are leading international and national experts in their fields. This event will be a unique forum and is a must attend event for anyone interested in technical solutions to improve the yield from renewable generation.

ElecTEC '11	Registration, Tea, Coffee & Exhibition Viewing	
Session 1	Advanced Power Systems - Chair: Michael Walsh, CEO, IWEA	
09:30	Opening Address	
09:40	Developing Ireland's Network of the Future	Denis O'Leary, Manager Systems and Sustainability, ESB Networks
10:10	Operational Constraints in a high Wind Power System	Alan Mullane, ECAR
10:30	Q & A	
10:45	Tea, Coffee & Exhibition Viewing	
Session 2	Managing Turbines for performance	
11:15	Review of Wind Farm Insurance Claims	Trules Kjer, Risk Engineer RSA
11:35	Inertia and Frequency Control in Wind Turbines	Bjorn Andersen, Siemens
11:55	Impact of Wind Generation Ramp rate Constraints	Kevin Tevnan, Wind Prospect
12:15	Q & A	
12:45	Lunch	
Session 3	Power System management	
14:00	Application of Storage technologies on a powers system with high wind penetration	Keith McGrane, Head of Offshore Energy and Electricity Storage, Gaelectric
14:20	Real Time Wind Stability Tools in Electric Control Centre Group Leader, EirGrid	Ivan Dudurych, EirGrid, Operations Study
14:40	The evolution of Windfarm Substation Technologies Products & Systems, ABB	Martin Keane, Engineering Manager, Power
15:00	Q & A	
15:20	Tea, Coffee & Exhibition Viewing	
Session 4	Active Market Participation	
15:45	Demand Side Units in the SEM	Patrick Liddy, Managing Director, Activation Energ
16:05	Enabling More Trade accross Interconnectors	Iain Wright, Regulatory Manager Ireland, Airtricity
16:25	Enabling Broad Adoption of Demand Response	Jerry Sweeney, Managing Director, Cork Internet Exchange
16:25	Q & A	
16:45	Close	