

Health & Safety Challenges in the UK

**International Meeting on
Risk Prevention in
the Wind Energy Sector**

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RenewableUK –members

Sponsors



Over 560 Company members
The voice of wind and marine
energy



Broad membership of developers,
suppliers, grid companies,
financiers and service providers

Contents

- UK Strategy & Working Groups
- Principle challenges
 - **Focus on Offshore wind**
 - Onshore wind (large & small)
 - Wave & tidal
- UK H&S Priorities



H&S Strategy

- Direct Board level reporting
- Board Director chairs strategy group
- Cross industry & technology representation

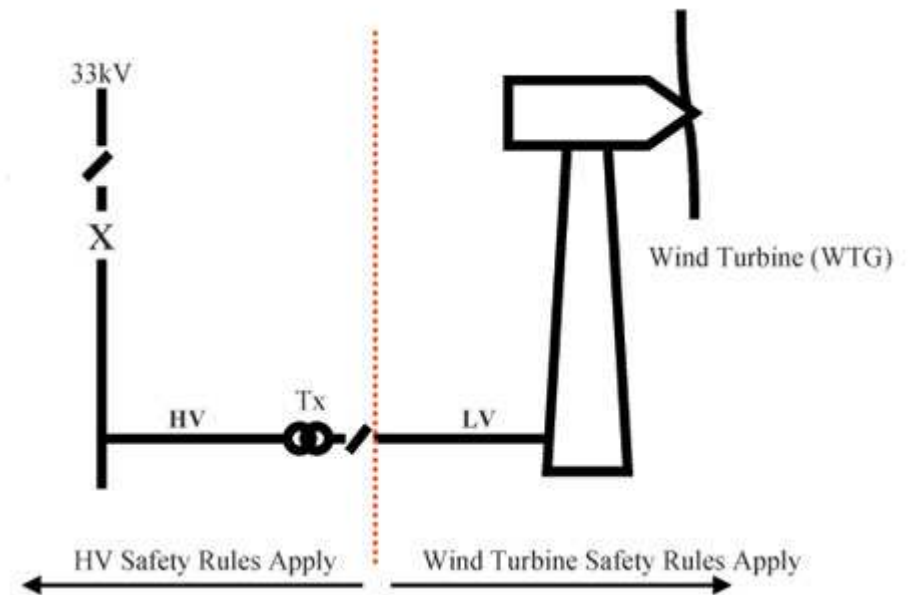
*“Ensure that Health & Safety is top priority in the **wind, wave & tidal** industry and that best practice is applied to ensure the good reputation of renewable generation is maintained.”*

Core Activities

- Members advice
- Secretariat
- Media/Communications
- Emergency & Incidents
- Professional liaison
- Increasing engagement
- Regulator representation
- Safety Alerts
- Guidelines
- Conferences

H&S Subgroups

- Training
- Operational Safety Rules (LV/HV)
- Lessons Learnt
- Public Safety
- Occupational & Public Health
- Communications



H&S Challenges - Universal

Practicalities

- Scale/speed of delivery
- Complex projects
- Innovative technologies
- Difficult environments
- Dynamic state of knowledge
- Cultural/Communication
- Lifecycle assessment



Training

- Key RenewableUK priority
 - Skills accord signed 2009
 - Essential minimum competence
- Accredited courses
 - WAH/Rescue
 - Marine Survival
- Clarity in standards (UK/EU)
- New RenewableUK plans to follow



Emergency Planning

- Mandatory ERCoP
 - Construction
 - Operation
 - Decommissioning
- HSE/CDM interfaces
- Risk based according to
 - Site location
 - Response times
 - Appropriate arrangements
 - Equipment
 - Personnel
- Effective and tested protocols



Offshore H&S Priorities*

- Training & Competence
- Emergency Response
- Access/Egress – All aspects (Lifecycle)
- Interfaces between owners and safety critical stakeholders
- Diving – complexity of deeper more advanced dives
- Electrical - clarification of rules
- Collision risks & navigation
- Fabricators/load out contracts & portside & related safety
- Offshore – operating conditions/envelopes
- Marine co-ordination

* Themes from recent H&S Offshore workshop

Going Forward*

- Leadership - top down
- Realistic, resourced and effective risk management systems
- Targeted and prioritised across the life cycle of projects
- Learning and adapting to new information
- Raise the level and quality of safety engagement
- Effective health and safety communication

*Themes from 2010 H&S Conference (Learning Lessons – Looking Forward)

Thank you

- **RenewableUK Offshore Wind Conference**
 - 29th & 30th June 2010, Liverpool
- **RenewableUK Annual Conference & Exhibition**
 - 2-4th November, Glasgow Liverpool
- **RenewableUK Health & Safety 2011**
 - 25th and 26th January 2011 Edinburgh

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