



Commission for Energy Regulation

An Coimisiún um Rialáil Fuinnimh

Wind in the SEM

Michael G. Tutty

Commissioner

Commission for Energy Regulation

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Wind in the SEM Discussion Paper

- Published February 2008
- Context
 - All Island Grid Study
 - EU Climate Change Package
 - Queue for connections
 - RAs/SEMC Duties
 - Guiding Principles

Wind in the SEM Discussion Paper

- Key Discussion Items
 - System Operation
 - Dispatch /AS/SO Incentivisation/Curtailment
 - TSC Matters
 - Compensation/Impact of Wind on SMP/Excessive Generation Events
 - Remuneration of Wind under the CPM
 - Treatment of Non Firm Price Takers under the TSC

Comments Received

- General comments:
 - Queried timing of document
 - Anti-wind bias perceived
 - Proposed decisions already implicit
 - Duties of RAs/SEMC re targets

Comments Received

- System Operation
 - SO Incentivisation – yes but how/wider scope
 - Dispatch Principles – yes
 - Curtailment – varied views
 - AS – equity of treatment/total portfolio drives requirements
 - Grid Code – Compliance / impact of new requirements on existing plant

Comments Received

- TSC
 - Wind impact on SMP/Excessive Generation Events
 - modelling required
- Compensation for Curtailment
 - Varied Views

Comments Received

- CPM
 - Wind is overpaid
 - Wind is not overpaid
 - CPM pays for availability, regardless of timing, eg. start and ramp up times
 - Analysis required

Next Steps

- AS – Proposals published 23rd September
- Scheduling and Dispatch – Consultation Q1 2009
- CPM – Consultation Q4 2008
- Market Modelling – on-going

Gate 3

- Proposal to process 3,000MW
- Selected in date order
- Feed into Grid Development Strategy to determine connection points and timing
- Offers to issue from August 2009

Gate 3

- Large volume of responses received
- Some in favour of proposal
- Some propose a different approach to selecting those to be included
- If a different approach is to be taken, what is impact on roll-out?
- CER decision early October

Post – Gate 3

- Gate 3 not put forward as “ceiling”
- Next steps to be considered in context of Government and EU targets and grid and market capabilities

Follow-up to All Island Grid Study

- Two specific follow-up studies agreed:
 - Regulatory Authorities to do modelling of impact on the market
 - System Operators to do dynamic modelling
- Work by RAs progressing well and should have preliminary results soon

Export of Wind

- If all wind applications in queue were built, wind capacity would be well beyond even maximum demand on island
- Export can be the answer if interconnection and demand from abroad is adequate

Export of Wind

- But would this require a different approach to network development and to the SEM market for it to work?
- Is the REDEG the forum to start a debate on this?