

Wind Seminar 2

Welcome

Review of first wind seminar

- Held in May 2007
- System operations issues, Network issues, Market issues and R&D
- Conclusions:
 - The time is fast approaching when NIE and SONI will not be able to connect additional wind power stations without significant network constraints and generation curtailment
- We should meet again after the summer

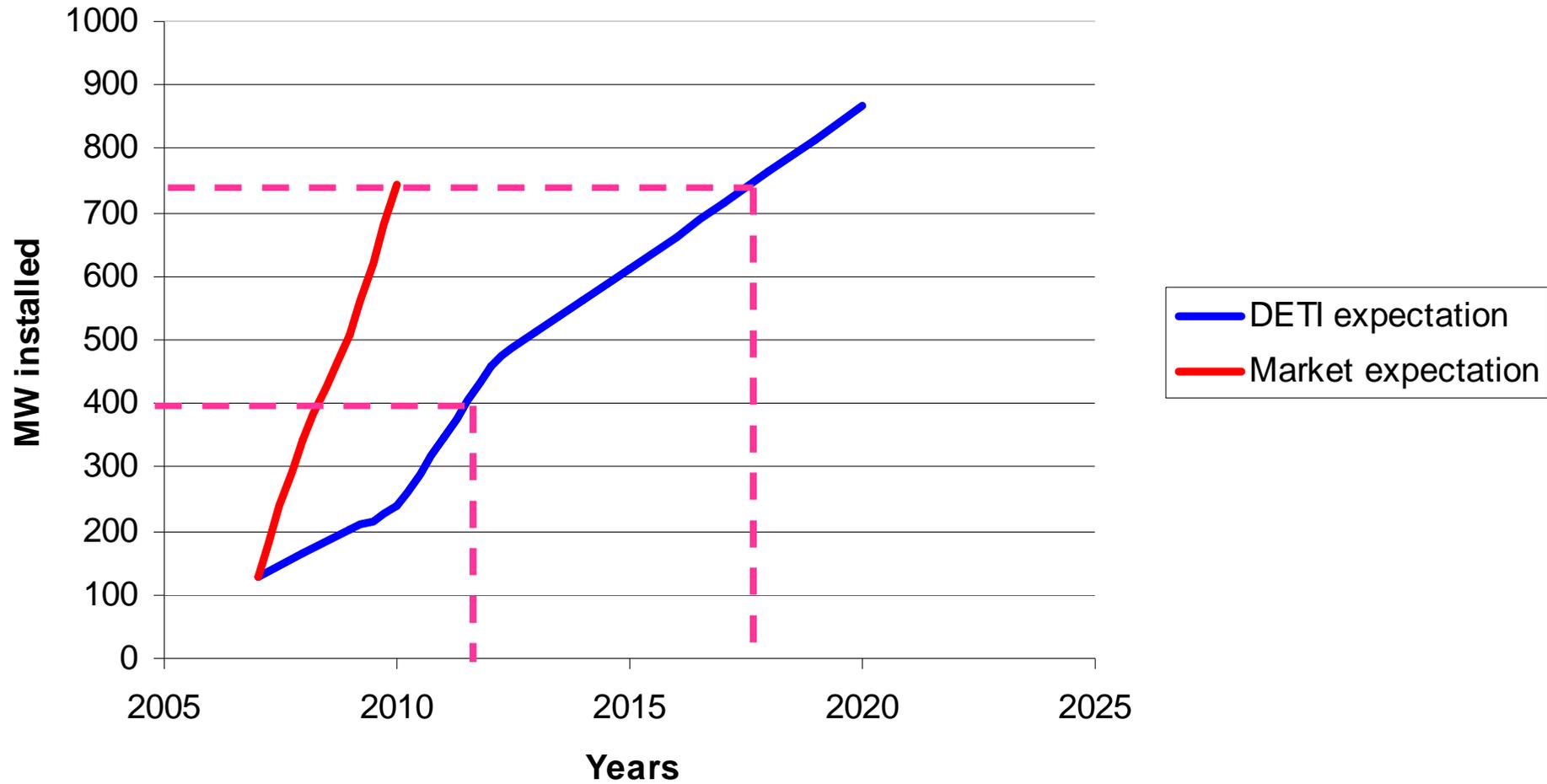
Further conclusions

- NIE is reluctant to engage in major network development ahead of the All-Island Renewables Grid Study Report
- System operation issues depend, inter alia, upon the new SEM market rules and the resultant market flows which were unknown at that time

Here we are again

- Approaching 400MW of connected and committed
- Most of those developers present today
- DETI, NIAUR – key stakeholders
- Colleagues from EirGrid
- Transmission Owner and Transmission System Operator (NIE / SONI and the market operator)
- Planning Service

Growth in Renewable Energy in NI



Purpose of today

- To communicate the up-to-date position on the issues
 - Network
 - System operations
 - Market
- Develop options on how to manage the queue
 - Float ideas and seek other ideas
- Take some initial comments on the new market
- Consider the establishment of some joint collaborative frameworks

Structure of the morning

- NIE pre-fault constraint limits
 - Limit applies because of an onerous outage into the northwest
 - How NIE has got this far and what might happen now
- System operational issues with more than 400MW of wind
 - Up to 400MW we expect curtailment to be limited to summer minimum when the wind is blowing

Structure of the morning

- Queue Management
 - With both significant amounts of curtailment and constraint – can the queue be managed?
 - If we make an offer which no-one could sensibly accept what happens?
- Market rules and feedback
- Update on D-Code
- Discussion and future liaison / participation groups (developers and licensees)

Growing - together



A black silhouette of a person stands with their arms raised in a celebratory gesture. They are holding a red rectangular sign with white text. The background is a light gray gradient.

**Time is
short**

**Let's
move on**