

# Program

**09.30**      **Registration and coffee**

10.00      Welcome session

Welcome and introduction by Chair: *Anne Cathrine Gjærde, Director, Nordic Energy Research*

Setting the scene: Nordic Energy Technology Perspectives: The Nordic power sector in a European perspective, *Benjamin Smith, Nordic Energy Research*

**Topic 1**      **The development of the power system in the view of scenarios and roadmaps. The roadmaps from both EU and the Nordic countries' involves substantial challenges for the power system.**

10.30      Moderator: *Filip Johnsson, Chalmers*

More wind and less fossil power – how will we move forward?

- How will the Nordic power system evolve? Do we have to handle a large power surplus, or a loss of nuclear power? What does it mean for the industry? *Thomas Unger, Profu*
- The role of the Nordic countries to handle variations in the future European electricity system, *Joel Goop, Chalmers*
- Network investments, how big are the needs and what is realistic? *Jan Bråten, Statnett*
- Investment challenge for the entire power industry - public acceptance and a challenge for capital and competence, *Håkon Taule, THEMA*

11.20      Discussion

**12.00**      **Lunch**

**Topic 2**      **Market development in view of the vision of a common European electricity market - dream or reality?**

**Capacity Markets is the answer - what is the question? About the challenges related to today's market design and proposed solutions – renewable production, flexibility, loop-flows, flow based, intraday, ...**

13.00 Moderator: *Berit Tennbakk, THEMA*

Do we need Capacity markets in the Nordic countries?

- Capacity Markets may look different - examples from real life? *Berit Tennbakk, THEMA*
- Some scenarios, with and without capacity markets - focus on prices, investment and trade, *Niclas Damsgaard, Sweco*
- Regulatory challenges in the long term, *Martin Godfried, ACER (TBC)*

13.40 Discussion

**14.10 Coffee**

**Topic 3 Development of support schemes in the view of climate change and challenges for the power system related to wind and sun. The design of support schemes – what have we learnt so far?**

14.40 Moderator: *Fridtjof Unander, Forskningsrådet*

- Uniform support schemes in Europe - Is the Swedish-Norwegian electricity certificate system a success story that other countries should follow? *Gustav Ebenå Swedish Energy Agency*
- What have we learned from five years with EU ETS – does the current low prices of the quota system show that it has played its role? *Expert from Denmark (TBC)*
- Why should we provide support for renewable electricity production in the Nordic countries? Are there other ways to achieve the objectives? *Mats Nilsson, Swedenergy*

15.20 Discussion – the balance between politics and the market.

**15.50 Panel discussion**

**Is there a need to strengthen the Nordic research cooperation within the energy sector? What are the major challenges? What should we focus of the research be?**

Moderator: *Håkon Taule, Thema och Bo Rydén, Profu*

**16.30 End**