CEESA Ballerup meeting

27 October 2009

Welcome and introduction

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Dagsorden

9.00 – 10.30	**Status of each WP and the whole project (What did we promise in Vejle, where are we now and what do we do?) Max. 15 minutes each** •Outline of the final report (made in Skagen): Henrik •WP2: Brian •WP3: Poul •WP4: Poul Erik •WP5: Thomas •WP1: Poul Erik
10.30 – 11.00	**Coffee break**
11.00 – 12.00	**Discussion of how to include the international level, focusing on the modeling of electricity markets** •Presentation on the Danish Energy Agency and EnergyPLAN: Henrik (attachment to agenda e-mail) •Earlier presentations + Balmorel: Poul Erik (to be forwarded by Poul Erik) •Discussion
12.00 – 13.00	**Lunch**
13.00 – 14.00	**Discussion of scenarios** •Presentation on status of incorporating biomass and transport etc. in CEESA scenarios + status of reference: Brian •Presentation on connection with WP4 means (what and how to coordinate): Poul Erik •Discussion
14.00 – 15.00	**Decision on work plan until next meeting**

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Table of contents for the final report (draft)

- **Executive summary (20 pages)**
- **Introduction**
- Describing: Purpose of the project; demand; surrounding world; methodology; development in demand; boundary conditions; public regulation; three overall scenarios; screenings and calculations.
- **Three overall scenarios, screenings and calculations**
- **1. Biomass** (limited)
- **2. Transport** (limited – according to demand)
- **3. Selection of one main scenario**
- In this part, we make a selection of the aspects we wish to include in the analysis of the three scenarios. This selection should lead to a delimitation, which then forms the basis for the analysis of one main scenario in section 4.
- **The main scenario selected**
  - **Transport**
  - **Electricity grid**
  - **Energi system analysis, waste, district heating, energy storage, etc.**
  - **Evaluation of technical alternatives in relation to the main scenario, methods, etc.**
  - **Road map, years 2010, 2020, 2030, 2050**
- **Instruments of the main scenario**
- **Conclusions (technical instruments, recommendations)**
- **Conclusions (methodological)**
- **Short description: A Green Vision**
- **Appendices:** Technologies, descriptions, potentials, environmental efficiencies, energy system analyses and calculations, catalogue of instruments.

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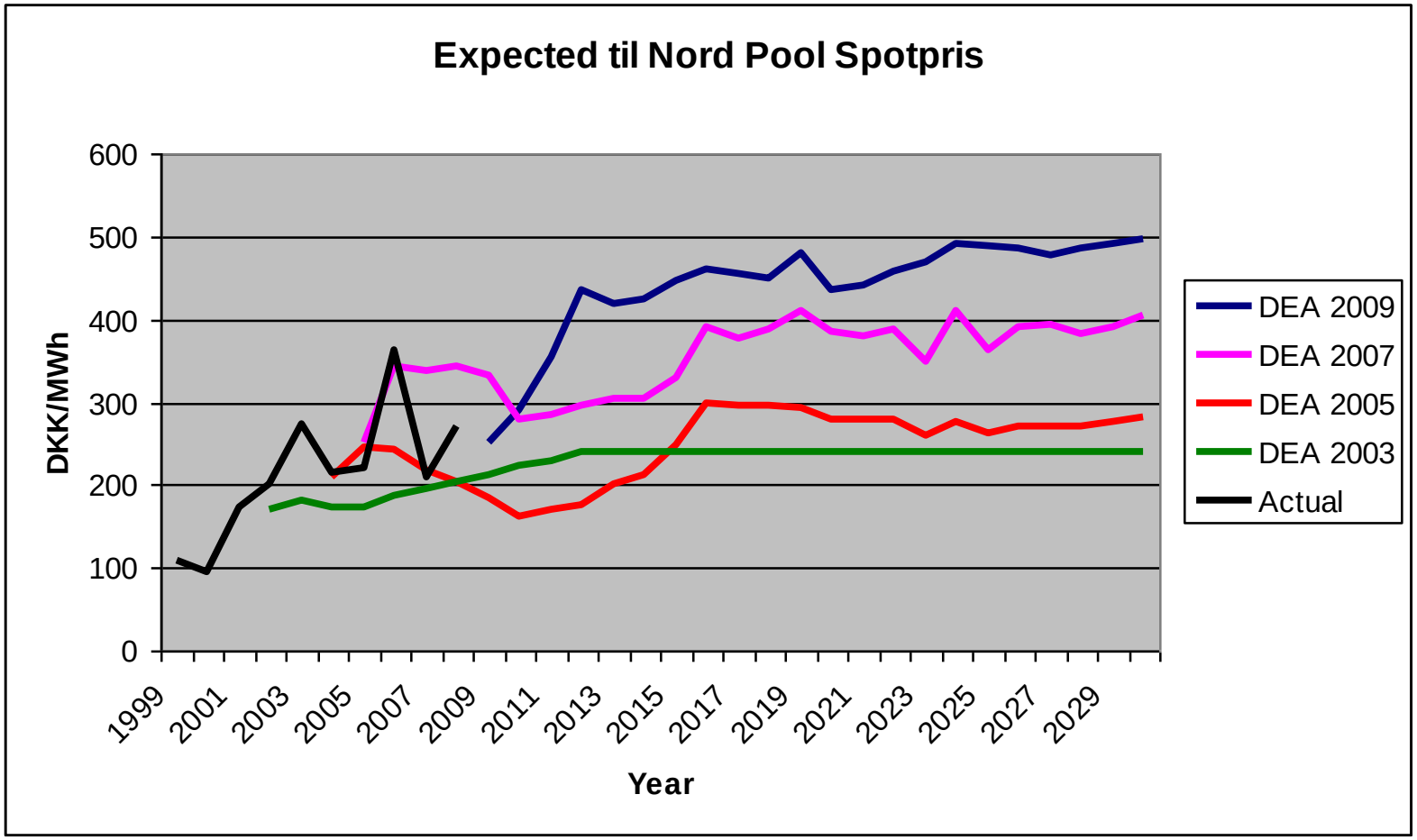
DEA Expectations to Nord Pool price



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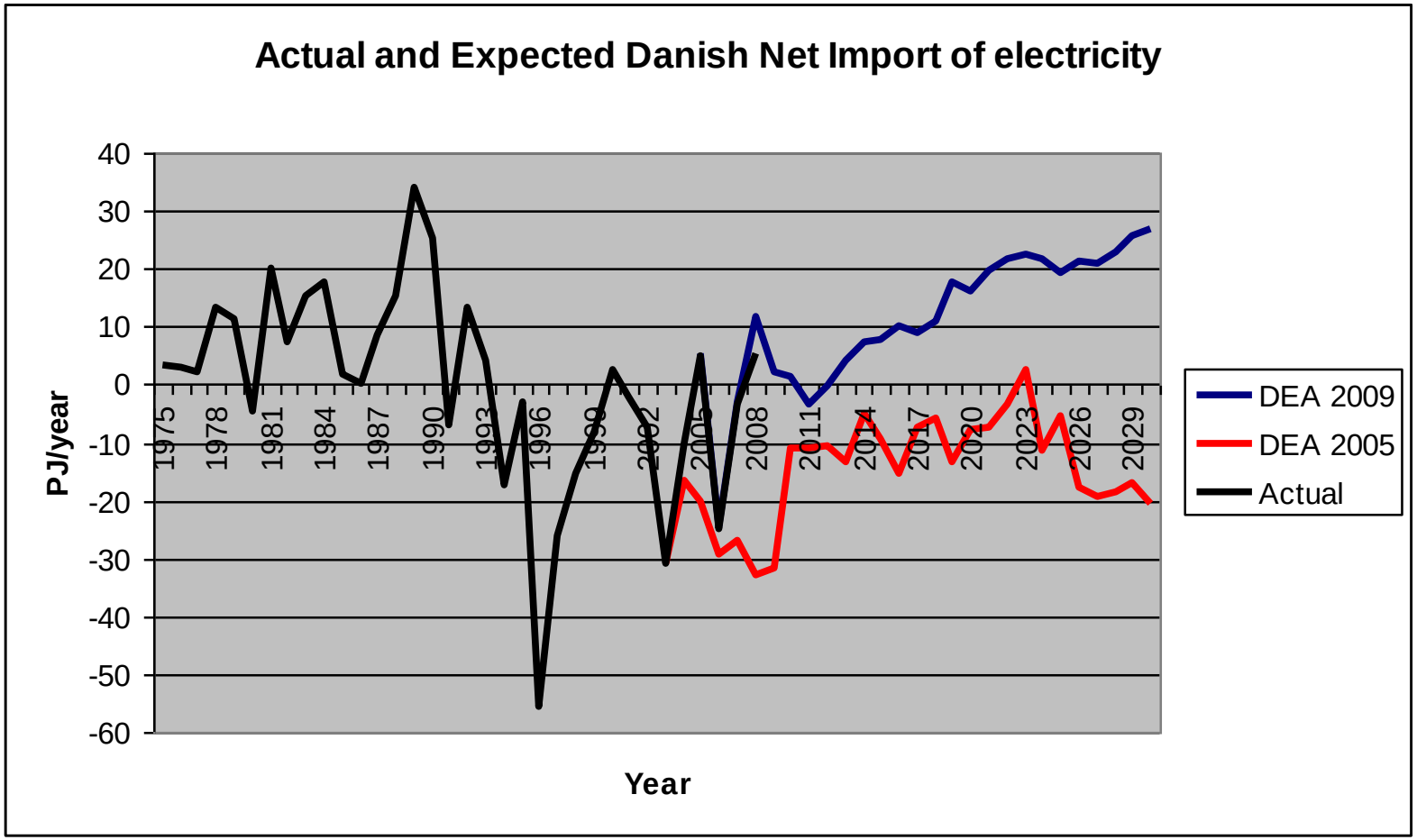
Will DK import elec. in 2030?



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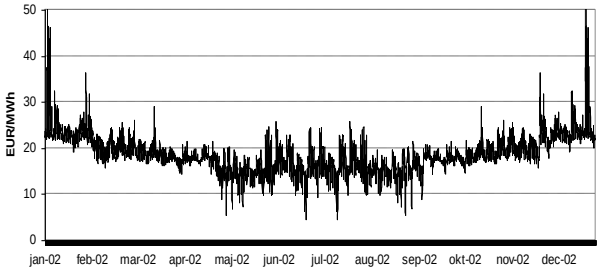
EnergyPLAN Model



- ***1. Hour-variation***
- ***2. Annual rainfall (dry and wet years)***
- ***3. Long-term marginal cost (Using DEA projections)***
- ***4. Import/export from Denmark influence the price.***

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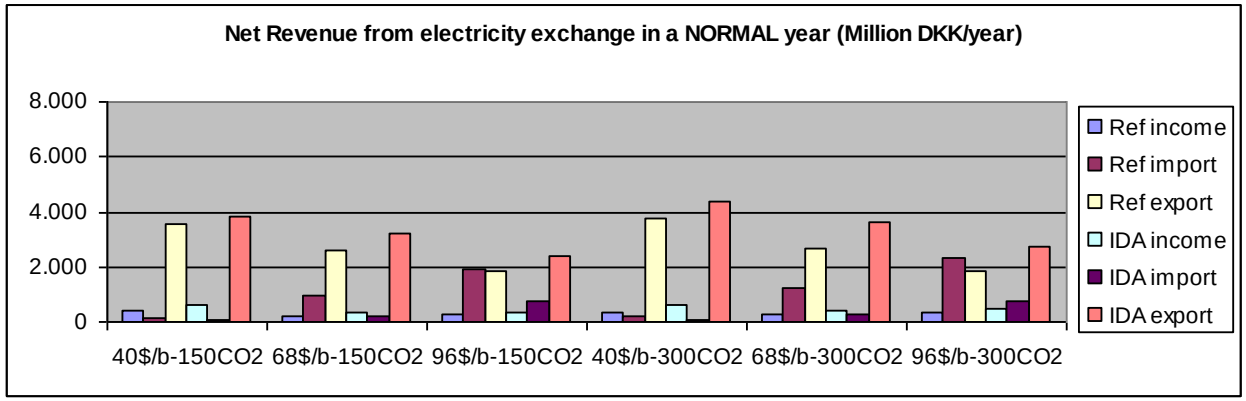

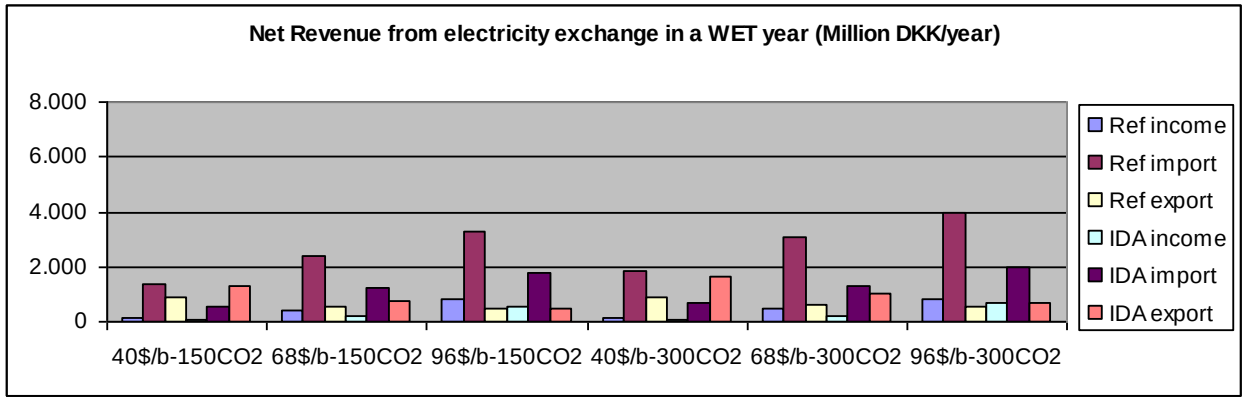

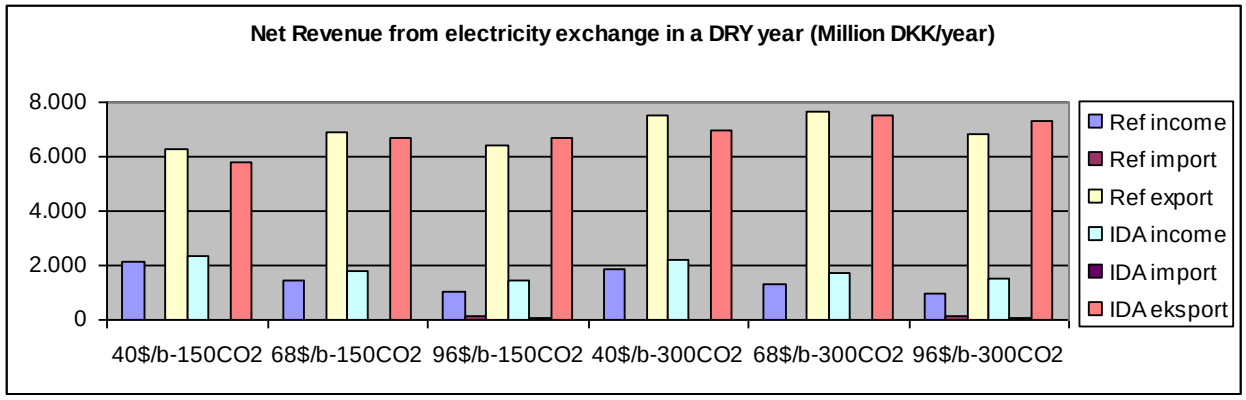

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