

IEA Wind Implementing Agreement
ANNEX XXIV – Integration of Wind and Hydropower Systems

R&D MEETING #1

Joint R&D Meeting of the Wind/Hydro and Hydro/Wind Annexes
September 30, 2005, Lucerne, Switzerland

Draft Agenda

- **[8:30 – 8:45 a.m.] Welcome and Announcements (T. Acker) [15 min]**
 - Distribute agenda
 - Check registration list for accuracy of information
 - Restrooms
 - Collect presentations at the morning break
 - Other logistical information as needed
- **[8:45 – 9:00 a.m.] Introductions and Discussion of Agenda (T. Acker) [15 min]**
 - Name, where you are from, organization
 - Wind/hydro or hydro/wind?
 - Discussion of agenda – additions or modifications?
- **[9:00 – 9:30 a.m.] Update on Hydro IA Hydro/Wind Annex (M. Oprisan) [30 min]**
- **[9:30 – 10:00 a.m.] Update on the Wind IA Wind/Hydro Annex (T. Acker) [30 min]**
 - Member countries and participants
 - Minutes/Summary from Kickoff Meeting
 - Country contributions
 - Business matters –invoices
 - β Web site – content and access
 - β Posting of proceedings, meeting announcements
 - β Posting of related publications
- **[10:00 – 10:15 a.m.] Morning break – Collect presentations and load on computer [15 min]**
- **[10:15 – 10:30 a.m.] Coordination of the Annexes: Wind/Hydro and Hydro/Wind (N. Nielsen) [15 min]**
- **[10:30 – 11:10 a.m.] Defining the Annex work plan for 2006 (T. Acker and M. Oprisan) [40 min]**
 - Formalizing the matrix for use by Annex members
 - Confirm expected country contributions:
 - β Short version of project description for Annex proposal
 - β Long version of project descriptions for document describing projects (for ExCo and others)
 - Future Meetings:
 - β Meeting in Australia Sept. 06: Likely week of Sept. 25, 2006

β Spring '06 meeting?

- **[11:10 – 11:30 a.m.]** Update on Wind IA Annex XXIV, “Design and operation of power systems with large amounts of wind power production” (H. Holttinen) **[20 min]**
- **[11:30 a.m. to 1:00 p.m]** Lunch **[90 min]**
- **[1:00 – 6:00 p.m.]** Participant presentations
 - L. Soder, KTH – Modelling approach impact on estimation of integration cost of wind power + Discussion of Martrix **[60 min]**
 - T. Molinsky, Manitoba Hydro **[45 min]**
 - M. Piekutowski, Hydro Tasmania **[30 min]**

 - **[3:15 p.m. – 3:30 p.m]** Afternoon break **[15 min]**

 - T. Acker, NREL/NAU – update on projects **[30 min]**
 - T. Gjengedal, Statkraft **[15 min]**
 - J. Tande, Sintef Energy **[15 min]**
 - H. Holttinen, VTT Processes **[15 min]**
 - R. Hobarty SFOE **[15 min]**
 - S. Achilles, GE Global Research **[15 min]**
 - L. Soder, KTH – summary of projects **[35 min, will use available time]**
- **[5:50 – 6:00 p.m.]** Conclusion and Summary **[10 min]**
- Dinner – 7 to 10:30 p.m. (19.00 – ca. 22.30)
Hotel Schweizerhof