

COMWIND

2. Meeting in the DSF Flow Center Advisory Board,
Department of Wind Energy, DTU the 11th April 2012.

Participants:

- Peter Hauge Madsen (PHM); manager of DTU Wind Energy, Chairman of the Advisory Board.
- Jens N. Sørensen (JNS), DTU Wind Energy; Manager of DSF flow center and responsible for Tasks 2 & 3.
- Kenneth Thomsen (KT), Siemens WP and member of the Advisory Board.
- Jesper Madsen (JM), LM Windpower and member of the Advisory Board.
- Niels N. Sørensen (NNS), DTU Wind Energy, responsible for Task 1.
- Jakob Mann (JM), DTU Wind Energy, responsible for Tasks 4 & 5.
- Kurt S. Hansen (KSH), DTU DTU Wind Energy,, co-manager

Absent:

- Rebecca Barthelmie (RB), Indiana University, member of Advisory Board
- Line Gulstad (LG), Vestas Wind System, member of the Advisory Board

Agenda

1. Welcome / JNS
2. Introduction the DSF flow center / JNS
Activities in 2011
3. Rotor aerodynamics /NNS
4. Wakes and wind farm aerodynamics / JNS
5. Siting and atmospheric physics / JM
Planned activities 2012
6. Rotor aerodynamics /NNS
7. Wakes and wind farm aerodynamics /JNS
8. Siting and atmospheric physics / JM
Other
9. IEA Wakebench / KSH
10. General discussion
11. Closing and next meeting

All presentations will be uploaded to the DSF Flow center homepage.

Ad. 1

- No contact has been established to LG or Vestas. JNS will contact VESTAS to identify a new contact person.
- All Flow Center task are now located inside the Department of DTU Wind Energy, which was established primo 2012, primarily based on the former Risø-DTU wind dept. combined with a part of DTU Mechanical Engineering (MEK).

Ad. 3

- Milestone delayed due to problems with a NDA, which have been solved primo 2012.

Ad. 4

COMWIND

- Milestones are up to date.

Ad. 6-8

- 6 PhD students have been hired (Søren, Hamid, Dmitry, Ewan, Louis-Etienne and Paul)

Ad 7.

- Problems with Lillgrund validation due to operational tests with the turbines (downgrading of front row turbines).

Ad 8.

- Large variations in simulated 1s.eq loads between stable and unstable conditions.

Ad. 10

- Disposition for visiting guest budget (1.5MKr) was discussed, while visiting guest often are funded from other sources.

- JJ/SWP should be invited to the Flow Center Workshops.

Ad.11

- The future meeting frequency should be increased to 3 meetings during a 2 year period.

- Next meeting ultimo 2012 has not been scheduled.

- Quarterly electronic information with list of updates and new references to the Advisory Board and Flow Center participants.

Minutes by Kurt S. Hansen

11-5-2012/ksh