

HydroBalance User Meeting 2014

18-19 November 2014, lunch to lunch

At NINA and SINTEF Energy Research, NTNU Campus Gløshaugen, Trondheim

Tuesday, 18 November

12.00 - 13.00 Lunch at NINA, Høgskoleringen 9

Rådrommet, Elektrobygget, Sem Sælands vei 5

13.00 - 13.30 **Welcome, introduction and project status**

Michael Belsnes & Julian Sauterleute, CEDREN/SINTEF

13.30 - 14.45 **Views from the outside**

13.30 Grid congestions in Central Europe: issues and consequences around Germany
Damien Folliot, EDF, France

13.55 Market integration, regulatory framework and capacity markets
Stefan Jaehnert, SINTEF/CEDREN

14.20 Overview of energy storage technologies
Atle Harby, CEDREN/SINTEF

14.45 - 15.00 **Break**

15.00 - 18.00 **HydroBalance: Results, plans and discussion points**

Presentations followed by discussions.

15.00 Modelling the power system in a multi-market environment
Ingeborg Graabak, CEDREN/NTNU

15.15 Impacts of new operational regimes on fish populations in reservoirs
Antti Eloranta, CEDREN/NINA

16.00 **Break**

16.30 Assessment of the economic viability of balancing from Norwegian hydro from the perspective of a single power producer
Ove Wolfgang, CEDREN/SINTEF

17.15 Regulatory framework, policy and public acceptance – from EU to regional level
Jørgen K. Knudsen, CEDREN/SINTEF

18.00 End of day 1

20.00 Dinner in Trondheim Centre, restaurant Frati, Munkegata 25



Wednesday, 19 November at SINTEF Energi, Sem Sælands vei 11

- 8.30 - 9.15 Scenarios for large-scale balancing from Norwegian hydropower
Presentation of the HydroBalance scenarios followed by discussions in groups
Julian Sauterleute, CEDREN/SINTEF
- 9.15 - 10.45 Discussions in groups
What do the scenarios imply for the work packages?
- 10.45 - 11.00 Break
- 11.00 - 12.00 Summaries from break-out groups and discussion in plenary
- 12.00 - 13.00 Lunch at Kjelhuset, Kolbjørn Hejes vei 1D
- 13.00 End of the meeting