PROCEEDINGS
Edited by Uta Betancourt / Thomas Ackermann

14th Wind Integration Workshop

International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants

20 - 22 October 2015 | Brussels, Belgium

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– Presentation is not part of the proceedings –

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Y. Yang, P. F. Hansen (DNV GL AS, Norway)

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F. Ugranli (DTU Denmark, Denmark), E. Karatepe (Dokuz Eylul University, Turkey), A. Hejde Nielsen (DTU Denmark, Denmark)

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  C. Urabe, T. Saitou, K. Kataoka, K. Ogimoto (University of Tokyo, Japan)

- **Influence of Transmission Losses on Frequency Stability after a Generation Outage**
  L. Wagner, E. Tröster (Energynautics, Germany)

- **A Hybrid Physical and Machine Learning Based Forecast of Regional Wind Power**
  S. Vogt, J. Dobschinski, T. Kanefendt, S. Otterson, Y.-M. Saint-Drenan (Fraunhofer IWES, Germany)

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The contributions and discussions of this session are not part of the proceedings.

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- **An Equation Error-Based Scheme for Online Parameter Tracking of the SCIG Wind Turbine Fed by a Full-rated Converter**
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- **A Method of Finding Optimal Network Configuration and Wind Generation Dispatch in Grid Security Threatening Conditions**
  M. Bajor (Institute of Power Engineering, Poland)

- **Flexibility Characterization for High Wind Power Penetration Systems**
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- **Spatial and Temporal Variation of Wind Power for Norwegian Price Areas**
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- **Ancillary Services from Renewable Power Plants – RePlan Project Perspective**
  M. Altin, A. D. Hansen, N. A. Cutululis, H. W. Bindner (DTU, Denmark), F. Iov, R. L. Olsen (Aalborg University, Denmark)

- **Dynamic Wind Farm Power Simulation**
  D. McQueen, A. Wood, A. Miller (University of Canterbury, New Zealand)

### Workshop Participants