

PROCEEDINGS

15th 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



15 - 17 November 2016 | Vienna, Austria

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PROCEEDINGS

Edited by Uta Betancourt / Thomas Ackermann

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Proceedings
of the 15th International Workshop on Large-Scale Integration of Wind Power into
Power Systems as well as on Transmission Networks for Offshore Wind Power Plants
published in 2016 by:

Energynautics GmbH
Robert-Bosch-Straße 7
64293 Darmstadt
Germany
www.energynautics.com
info@energynautics.com

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ISBN: 978-3-9816549-4-3

Cover Design by:
Ines Drewianka, **Energynautics** GmbH, Germany

Printed by:
Kopierart GbR, Berlin, Germany
www.kopierart.de

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(IEA, France)

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H. Becker, D. Mende, T. Hennig, A. Akbulut, L. Hofmann (Fraunhofer IWES, Germany)

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C. Jauch, A. Gloe (Flensburg University of Applied Sciences, Germany)

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C. Wolter, H. K. Jacobsen (DTU, Denmark), G. Rogdakis, L. Zeni (DONG, Denmark), N. Cutululis (DTU, Denmark)

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G. F. W. Brauner (Vienna University of Technology, Austria)

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T. Göçmen, G. Giebel, P.-E. Réthoré, J. P. Murcia Leon (DTU, Denmark)

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J. Shipper, A. Wood, A. Miller (University of Canterbury, New Zealand), C. Edwards (Transpower, New Zealand)

Performance of df/dt -based Inertia Control during Emergency Islanding

D. Duckwitz (Fraunhofer IWES, Germany)

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L. Cai, X. Lei (GEIRI Europe, Germany), U. Karaagac, J. Mahseredjian (Polytechnical School of Montreal, Canada)

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J. Rauch, I. Athamna, M. Mühlberg, S. Laurus (FGW – Federation of German Windpower and other Renewable Energies, Germany), J. Fortmann (HTW Berlin, Germany), J. Möller (M.O.E. Moeller Operating Engineering, Germany), F. Santjer (UL International [DEWI], Germany), M. Meuser, (FGH Certification, Germany)

The Upcoming European Network Code and its Impact on Commissioning and Operation of Distributed Generation

F. Kalverkamp, J. Langstädtler, M. Meuser (FGH Certification, Germany)

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R. Klosse, K. Küch (WindGuard Certification, Germany), F. Loh (GE Renewable Energy, Germany)

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

Connection of Wind Power Plants at Brazilian Integrated Power Grid

G. Doyle de Doile (ANEEL – Brazilian National Electricity Agency, Brazil)

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A. Knaut (EWI – Institute of Energy Economics, Germany), S. Hagspiel (University of Cologne, Germany), J. Peter (EWI – Institute of Energy Economics, Germany)

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H. Matayoshi, T. Senjyu (University of the Ryukyus, Japan), T. Funabashi, T. Kato (Nagoya University), A. M. Howlander (University of Hawaii, Hawaii)

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Y. Liu, M. Noe, J. Ou (Karlsruhe Institute of Technology, Germany)

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N. Patari (Indian Institute of Technology Kharagpur, India), A. Mitra (Visvesvaraya National Institute of Technology Nagpur, India), D. Chatterjee (Indian Institute of Technology Kharagpur, India)

Enhanced Short-Term Wind Power Forecast using the Augmented Time Series Model for Power Grid Integration

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Modelling of Grid-Connected VSCs for Power System Small-Signal Stability Analysis in DVC Timescale

H. Yuan, J. Hu (Huazhong University of Science and Technology, China) (Submission-ID WIW16-275)