



SELECTED WIND PAPERS FOR THE IET SPECIAL ISSUE

The following papers of the **12th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants** have been selected as the best papers and are now eligible for the manuscript submission process of the **IET Special Issue**.

- **The Power System Will Need More! - How Grid Codes Should Look Ahead**
E. Quitmann, E. Erdmann (Enercon, Germany) WIW13-1069
- **Flexibility Chart - Evaluation on Diversity of Flexibility in Various Areas**
Y. Yasuda (Kansai University, Japan), A. R. Årdal (SINTEF, Norway), E. M. Carlini (Terna, Italy), A. Estanqueiro (LNEG, Portugal), D. Flynn (University College Dublin, Ireland), E. Gómez-Lázaro (University of Castilla-La Mancha, Spain), H. Holttinen, J. Kiviluoma (VTT, Finland), F. Van Hulle (XP WIND, Belgium), J. Kondoh (Tokyo University of Science, Japan), B. Lange (Fraunhofer IWES, Germany), N. Menemenlis (IREQ/Hydro-Québec, Canada), M. Milligan (NREL, USA), A. Orths (Energinet.dk, Denmark), C. Smith (UVIG, USA), L. Sørensen (Royal Institute of Technology/KTH, Sweden) WIW13-1029,
- **Synthetic Inertia Control Strategy for Double-fed Induction Generator Wind Turbine Generators Using Energy from DC Capacitor**
J. Zhu, H. Urdal, D. Young (National Grid, United Kingdom) WIW13-1165
- **Offshore Generation and Transmission in Great Britain - A Review of the Connection Process and Technical Performance Requirements**
A. Johnson (National Grid, United Kingdom) WIW13-1121
- **System Strength Considerations in a Converter Dominated Power System – How Can it be Modelled Effectively?**
H. Urdal (National Grid, United Kingdom), C. Ivanov (ENTSO-E, Belgium), A. Dahresobh, R. Ierna, J. Zhu, D. Rostom (National Grid, United Kingdom) WIW13-1179
- **Network Fault Response of Wind Power Plants in Distribution Systems during Reverse Power Flows (Part II)**
J. C. Boemer (TU Delft, the Netherlands), B. G. Rawn (KU Leuven, Belgium), M. Gibescu, M. A. M. M. van der Meijden (TU Delft/TenneT TSO, the Netherlands), W. L. Kling (Eindhoven University of Technology, the Netherlands) WIW13-1216
- **The FRT Requirements for Wind Power Plants in the ENTSO-E Network Code on Requirements for Generators - TSOs' and Manufacturers' Views on Requirements, Capabilities of Wind Power Plants and Technical Challenges Related to the NC RfG – short version**
J. Fortmann (REpower Systems, Germany), R. Pfeiffer (Amprion, Germany), E. Haesen (ENTSO-E, Belgium), F. Van Hulle (XP Wind, Belgium), F. Martin (Siemens Wind Power, Denmark), H. Urdal (National Grid, United Kingdom), S. Wachtel (GE Energy Consulting, Germany) WIW13-1072
- **Frequency Response of the US Eastern Interconnection under Conditions of High Wind Generation**
N. Miller, M. Shao (GE Energy, USA), K. Clark (NREL, USA) WIW13-1089
- **Optimal K-Factor and Active Current Reduction during Fault-Ride-Through of Converter-Connected Generating Units for Power System Stability**
B. Weise (DigiSILENT, Germany) WIW13-1114



SELECTED SOLAR PAPERS FOR THE IET SPECIAL ISSUE

The following papers of the **3rd International Workshop on Integration of Solar Power into Power Systems** have been selected as the best papers and are now eligible for the manuscript submission process of the **IET Special Issue**.

▶ **100% Renewables in Australia - Will a Capacity Market be Required?**

J. Riesz, I. MacGill (University of New South Wales, Australia) SIW13-1020

▶ **Solar Integration in Australia's Electricity Market**

J. Gilmore, B. Vanderwaal, I. Rose (ROAM Consulting, Australia) SIW13-1021

▶ **The Market Value of Solar PV**

L. Hirth (Vattenfall, Germany) SIW13-1066

▶ **Transmission Network Loading in Europe with High Shares of Renewables**

T. Brown (Energynautics, Germany) SIW13-1094

▶ **Costs and Benefits of Fossil-Fueled Plant Flexibility**

D. Lew, G. Brinkman, G. Stark (NREL, USA), G. Jordan, S. Venkataraman (GE Energy, USA), N. Kumar, S. Lefton (Intertek-APTECH, USA) SIW13-1047

▶ **Cross-Correlation of Photovoltaic Output Fluctuation in Power System Operation for Large-Scale Photovoltaic Integration**

Y. Ikeda (Kyoto University, Japan), K. Ogimoto (University of Tokyo, Japan) SIW13-1023