

VERÖFFENTLICHUNGEN

Wissenschaftlicher Artikel

1. Martensen, N.; Lund, P.; Kley, H.; Tröster, E.; Ackermann, T.: **“The Danish cell project – Status and perspective of a smart grid demonstration”**, VGB Power Tech., Vol. 91/2011, pp. 64-68.

Konferenzbeiträge

1. Brown, T.; Martensen, N.; Ackermann, T.: **“The Solar Power Absorption Capacity of the Seychelles Island Systems”**, 4th International Workshop on Integration of Solar Power into Power Systems, Berlin, November 2014.
2. Tröster, E.; Martensen, N.; Brown, T.; Ackermann, T.; Geidel, S.; Langanke, S.: **“Solar Power in a 100% Renewables Scenario for Rhineland-Palatinate”**, 4th International Workshop on Integration of Solar Power into Power Systems, Berlin, November 2014.
3. Brown, T.; Martensen, N.; Cherevatskiy, S.; Rikos, E.: **“A Multi-Objective Control Strategy for Distribution Networks with Renewables”**, 4th International Workshop on Integration of Solar Power into Power Systems, Berlin, November 2014.
4. Martensen, N.; Tröster, E.; Brown, T.; Ackermann, T.; Geidel, S.; Langanke, S.: **“Wind Power in a 100% Renewables Scenario for Rhineland-Palatinate”**, 13th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Power Plants, Berlin, November 2014.
5. Kuwahata, R., Martensen, N., Ackermann, T. (Energynautics); Teske, S. (Greenpeace International): **“The Role of Micro-grids in Accelerating Energy Access”**, 3rd IEEE PES Innovative Smart Grid Technologies Europe (ISGT Europe), Berlin, Deutschland, 2012.

6. Čuk, V.; Ribeiro, P. F.; Cobben, J. F. G.; Kling, W. L.; Isleifsson, F. R.; Bindner, H. W.; Martensen, N.; Samadi, A.; Söder, L.: **“Considerations on the Modeling of Photovoltaic Systems for Grid Impact Studies”**, 1st International Workshop on Integration of Solar Power into Power Systems”, Aarhus, Dänemark, Oktober 2011.
7. Lund, P. (Energinet.dk, Denmark), Martensen, N.; Ackermann, T.; (Energynautics, Deutschland), Harrell, J. (Spirae, USA): **“The Role of Wind Turbines in Smart Distribution Systems”**, 10th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants, Aarhus, Dänemark, Oktober 2011.
8. Martensen, N. (Energynautics, Deutschland); Lund, P. (Energinet.dk, Dänemark); Mathew, N. (Spirae, USA): **“The Cell Controller Pilot Project: From surviving system black-out to market support”**, 21st International Conference on Electricity Distribution (CIRED), Frankfurt, Deutschland, Juni 2011.
9. Martensen, N. (Energynautics, Deutschland); Lund, P. (Energinet.dk, Dänemark); Kley, H. (Spirae, USA): **“Demonstrating DER-based Voltage Control in the Danish Cell Project”**, CIGRE, Bologna, 2011.
10. Martensen, N., Ackermann, T., Tröster, E. (Energynautics, Deutschland); Lund, T. (Energinet.dk, Dänemark), Kley, H. (Spirae, USA): **„Erste Erfahrungen aus dem dänischen Cell-Projekt“**, ETG-Kongress 2009. Düsseldorf, Deutschland, 2009.
11. Martensen, N.; Tröster, E. (Energynautics, Deutschland); Lund, P. (Energinet.dk, Dänemark); Holland, R. (Spirae, USA): **“Models and Simulations for the Danish Cell Project: Running PowerFactory with OPC and Cell Controller”**, 8th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants, Bremen, Deutschland, Oktober 2009.

12. Martensen, N. (Energynautics); Kley, H.; Cherian, S.; Pacific, O. (Spirae, USA); Lund, P. (Energinet.dk, Denmark): **“The Cell Controller Pilot Project: Testing a Smart Distribution Grid in Denmark”**, Grid-Interop, Denver, USA, 2009.
13. Ackermann, T.; Martensen, N.; Tröster, E. (Energynautics); Lund, P. (Energinet.dk, Denmark); Knazkins, V.: **“Overview of the Danish Cell Project”**, 7th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants, Madrid, Spanien, Mai 2008.

Berichte

1. Ackermann, T.; Martensen, N.; Untsch, S.; Brown, T.; et al: **“Entwicklung und Durchführung einer Impactanalyse für den Klimaschutzplan Nordrhein-Westfalen”**, Berlin, September 2014.
2. Ackermann, T.; Brown, T.; Martensen, N.; Langanke, S.; Narasimhan, B.; Geidel, S.; Becker-Birck, C.; Ferrey, S.; Chessin, E.; Crowe, J.; Rickerson, W.: **“Consultancy Services for The Assessment of Grid Absorption Capacity, Grid Code, Feed-In Tariffs and Model Power Purchase Agreements for Renewable Energy Systems”**, Darmstadt/Boston, August 2014.
3. Ackermann, T.; Martensen, N.; Brown, T.; Untsch, S.; Tröster, E.; Geidel, S.; et al: **“Verteilnetzstudie Rheinland-Pfalz”**, Darmstadt, Freiburg, München, Januar 2014.

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