Ömer Göksu - DTU Orbit (19/05/2018)

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Publications:

Asymmetrical Fault Analysis at the Offshore Network of HVDC connected Wind Power Plants
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Coordinated voltage control in offshore HVDC connected cluster of wind power plants
Publication: Research › Conference abstract for conference – Annual report year: 2018

Frequency Support from OWPPs connected to HVDC via Diode Rectifiers
Saborío-Romano, O., Bidadfar, A., Göksu, O. & Cutululis, N. A. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

Next Edition of IEC 61400-27: Electrical simulation models for wind power plants
Sørensen, P. E., Göksu, Ö., Fortmann, J., Buendia, F. J. & Morales, A. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

Offshore Wind Farms and HVDC Grids Modeling as a Feedback Control System for Stability Analysis
Bidadfar, A., Saborío-Romano, O., Altin, M., Göksu, Ö., Cutululis, N. A. & Sørensen, P. E. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

Cluster Control of Offshore Wind Power Plants Connected to a Common HVDC Station
Publication: Research - peer-review › Conference article – Annual report year: 2016

Compatibility of IEC 61400-27-1 Ed 1 and WECC 2nd Generation Wind Turbine Models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Connection of OWPPs to HVDC networks using VSCs and Diode Rectifiers: an Overview
Saborio-Romano, O., Bidadfar, A., Goksu, O., Altin, M., Cutululis, N. A. & Sorensen, P. E. 2016
Publication: Research - peer-review › Paper – Annual report year: 2016

Connection of OWPPs to HVDC networks using VSCs and Diode Rectifiers: an Overview
Saborio-Romano, O., Bidadfar, A., Goksu, O., Altin, M., Cutululis, N. A. & Sorensen, P. E. 2016
Publication: Research › Poster – Annual report year: 2016

Coordinated Voltage Control in Offshore HVDC Connected Cluster of Wind Power Plants
Publication: Research - peer-review › Journal article – Annual report year: 2016

Field Validation of IEC 61400-27-1 Wind Generation Type 3 Model with Plant Power Factor Controller
Latest Developments of Negative Sequence Extensions for Generic RMS Models of Wind Turbines
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Phase Angle Calculation Dynamics of Type 4 Wind Turbines in RMS Simulations during Severe Voltage Dips.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Aggregated wind power plant models consisting of IEC wind turbine models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Aggregated Representation of Distribution Networks for Large-Scale Transmission Network Simulations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Loss of Synchronism of Wind Turbine Converters during Low Voltage Grid Faults
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Wind Turbine and Wind Power Plant Modelling Aspects for Power System Stability Studies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Projects:

Advanced Wind Turbine Converter Control in HVDC-Connected Wind Power Plants
Arasteh, A., Cutululis, N. A. & Göksu, Ö.
15/05/2018 → 14/05/2021
Project: PhD

Blackstart and Islanding Capabilities of Wind Turbines
Jain, A., Cutululis, N. A., Das, K. & Göksu, Ö.
01/02/2018 → 31/01/2021
Project: PhD

Control and operation of offshore wind power plants connected via HVDC
Saborío-Romano, O., Cutululis, N. A., Göksu, Ö., Sørensen, P. E. & Zeni, L.
01/09/2016 → 31/08/2019
Project: PhD

PROMOTIoN - PROgress on Meshed HVDC Offshore Transmission Networks
Cutululis, N. A., Sørensen, P. E., Göksu, Ö., Altin, M., Saborio-Romano, O. & Bidadfar, A.
01/01/2016 → 31/12/2019
Project

iTesla - Innovative Tools for Electrical System Security within Large Areas
Sørensen, P. E., Altin, M., Das, K., Hansen, A. D., Göksu, Ö. & Margaris, I.
01/01/2012 → 31/12/2015
Project