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
Publication: Research - peer-review › Paper – Annual report year: 2017

Next Edition of IEC 61400-27: Electrical simulation models for wind power plants
Publication: Research - peer-review › Paper – Annual report year: 2017

Offshore Wind Farms and HVDC Grids Modeling as a Feedback Control System for Stability Analysis
Publication: Research - peer-review › Conference article – Annual report year: 2016

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
Publication: Research - peer-review › Paper – Annual report year: 2016

Connection of OWPPs to HVDC networks using VSCs and Diode Rectifiers: an Overview
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
Publication: Research - peer-review › Journal article – Annual report year: 2016

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
Project: PhD

Blackstart and Islanding Capabilities of Wind Turbines
Project: PhD

Control and operation of offshore wind power plants connected via HVDC
Project: PhD

PROMOTioN - PROgress on Meshed HVDC Offshore Transmission Networks
Project

iTesla - Innovative Tools for Electrical System Security within Large Areas
Project