Göçmen, Tuhfe

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Department of Wind Energy - Postdoc
Integration & Planning

Research outputs:

Possible power of down-regulated offshore wind power plants
Research output: Research - peer-review → Journal article – Annual report year: 2019

Data-driven Wake Modelling for Reduced Uncertainties in short-term Possible Power Estimation: Paper
Göçmen, T. & Giebel, G. 2018 In : Journal of Physics: Conference Series. 1037, 7, 10 p., 072002
Research output: Research - peer-review → Conference article – Annual report year: 2018

Uncertainties and Wakes for Short-term Power Production of a Wind Farm
Research output: Research → Article in proceedings – Annual report year: 2018

Optimization of wind farm power production using innovative control strategies
Research output: Research → Report – Annual report year: 2017

Estimation of turbulence intensity using rotor effective wind speed in Lillgrund and Horns Rev-I offshore wind farms
Research output: Research - peer-review → Journal article – Annual report year: 2016

Framework of Multi-objective Wind Farm Controller Applicable to Real Wind Farms
Research output: Research → Article in proceedings – Annual report year: 2016

Possible Improvements for Present Wind Farm Models Used in Optimal Wind Farm Controllers
Research output: Research → Paper – Annual report year: 2016

Possible Power Estimation of Down-Regulated Offshore Wind Power Plants.

Uncertainty Quantification of the Real-Time Reserves for Offshore Wind Power Plants
Research output: Research - peer-review → Paper – Annual report year: 2017

Wind turbine wake models developed at the Technical University of Denmark: A review
Research output: Research - peer-review → Journal article – Annual report year: 2016

Experimental verification of a real-time power curve for down-regulated offshore wind power plants
**Real-time available power estimation for offshore wind power plants**
Research output: Research › Poster – Annual report year: 2015

**Turbine Control Strategies for Wind Farm Power Optimization**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

**EEA DTOC wake results offshore**
Research output: Research › Sound/Visual production (digital) – Annual report year: 2014

**Estimation of the Possible Power of a Wind Farm**
Mirzaei, M., Göçmen Bozkurt, T., Giebel, G., Sørensen, P. E. & Poulsen, N. K. 2014 In : IFAC Workshop Series. 19, p. 6782-6787
Research output: Research - peer-review › Conference article – Annual report year: 2014

**PossPOW. Estimation of Possible Power in Offshore Wind Farms during Downregulation**
Göçmen Bozkurt, T. 2014
Research output: Research › Sound/Visual production (digital) – Annual report year: 2014

**Wind Speed Estimation and Parameterization of Wake Models for Downregulated Offshore Wind Farms**
Research output: Research - peer-review › Poster – Annual report year: 2014

**Wind Speed Estimation and Parametrization of Wake Models for Downregulated Offshore Wind Farms within the scope of PossPOW Project**
Research output: Research - peer-review › Conference article – Annual report year: 2014

**PossPOW: possible Power of Downregulated Offshore Wind Power Plants**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

**PossPOW: Possible Power of Downregulated Offshore Wind Power Plants**
Göçmen, T., Giebel, G., Sørensen, P. E. & Mirzaei, M. 2013 1 p.
Research output: Research › Poster – Annual report year: 2013

**POSSPOW: Possible Power of Offshore Wind Power Plants**
Research output: Research › Article in proceedings – Annual report year: 2013

**Projects:**

**Possible Power of Downregulated Offshore Wind power plants**
15/12/2012 → 07/04/2016
Project: PhD

Activities:

Farm Control: Interest and Activities in DTU Wind
Göçmen, T. (Invited speaker), Giebel, G. (Other), Andersen, S. J. (Other), Kazda, J. (Other)
30 Aug 2018
Activity: Talks and presentations › Conference presentations

Parameter Uncertainty Reduction of the Re-calibrated Larsen Wake Model
Göçmen, T. (Speaker), Giebel, G. (Other)
26 Jun 2017 → 29 Jun 2017
Activity: Talks and presentations › Conference presentations

Framework of Multi-Objective Wind Farm Controller Applicable to Real Wind Farms
Kazda, J. (Guest lecturer), Göçmen, T. (Guest lecturer), Giebel, G. (Guest lecturer), Courtney, M. (Guest lecturer), Cutululis, N. A. (Guest lecturer)
28 Sep 2016
Activity: Talks and presentations › Conference presentations