Research outputs:

**Possible power of down-regulated offshore wind power plants**
Göçmen, T., Giebel, G., Poulsen, N. K. & Sørensen, P. E. 1 Jan 2019 (Accepted/In press) In : Wind Energy. 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**

**Optimization of wind farm power production using innovative control strategies**

**Estimation of turbulence intensity using rotor effective wind speed in Lillgrund and Horns Rev-I offshore wind farms**

**Framework of Multi-objective Wind Farm Controller Applicable to Real Wind Farms**

**Possible Improvements for Present Wind Farm Models Used in Optimal Wind Farm Controllers**

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

**Uncertainty Quantification of the Real-Time Reserves for Offshore Wind Power Plants**

**Wind turbine wake models developed at the Technical University of Denmark: A review**

**Experimental verification of a real-time power curve for down-regulated offshore wind power plants**
Projects:

Possible Power of Downregulated Offshore Wind power plants
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