Preben Nyeng - Research outputs - DTU Orbit (20/10/2019)

Ecogrid EU - a large scale smart grids demonstration of real time market-based integration of numerous small DER and DR


Controlling Price-Responsive Heat Pumps for Overload Elimination in Distribution Systems


Demand as Frequency Controlled Reserve: Implementation and practical demonstration


Information and Communications Systems for Control-by-Price of Distributed Energy Resources and Flexible Demand


New Real-Time Market Facilitating Demand-Side Resources for System Balancing


Potential Analysis of Regulating Power from Electric Vehicle (EV) Integration in Denmark


Design and Implementation of Frequency-responsive Thermostat Control


Reactive power control with CHP plants - A demonstration


System Integration of Distributed Energy Resources

Nyeng, P., 2010, Technical University of Denmark, Department of Electrical Engineering. 120 p.

Research Plan for Centre for Electric Technology 2010-2013


Wide-Area Energy Storage and Management System to Balance Intermittent Resources in the Bonneville Power Administration and California ISO Control Areas
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2009 › Research

**Coordinated Multi-Objective Control of Regulating Resources in Multi-Area Power Systems with Large Penetration of Wind Power Generation**  
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2008 › Research

**EcoGrid.dk Phase 1: WP 2 System architecture**  
Research output: Book/Report › Report – Annual report year: 2008 › Research

**EcoGrid.dk Phase 1 WP4 report: New measures for integration of large scale renewable energy**  
Research output: Book/Report › Report – Annual report year: 2008 › Research

**On the Use of Energy Storage Technologies for Regulation Services in Electric Power Systems with Significant Penetration of Wind Energy**  
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2008 › Research

**Exploiting ancillary services from distributed generation - perspectives for the Danish power system**  
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research

**Fremtidens intelligente elsystem**  
Nyeng, P., 2007, In : Aktuel Naturvidenskab. 6, p. 4-7  
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Communication

**Wide-Area Energy Storage and Management System to Balance Intermittent Resources in the Bonneville Power Administration and California ISO Control Areas**  
Research output: Book/Report › Report – Annual report year: 2007 › Research › peer-review