

Evgenia Dmitrova - DTU Orbit (07/08/2016)

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#### Publications:

##### **Early Prevention Method for Power Systems Instability**

Dmitrova, E., Nielsen, A. H., Jóhannsson, H. & Johansen, K. 2013 Technical University of Denmark, Department of Electrical Engineering. 148 p.

Publication: Research › Ph.D. thesis – Annual report year: 2014

##### **Early Prevention of Instability-Use of Self Propagating Graph for the Fast Search for Optimal Grid Nodes to Apply Countermeasures**

Dmitrova, E., Jóhannsson, H. & Nielsen, A. H. 2013 *Proceedings of the 2013 IEEE PowerTech Conference*. IEEE, 5 p.

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

##### **Fast assessment of the effect of preventive wide area emergency control**

Dmitrova, E., Jóhannsson, H. & Nielsen, A. H. 2013 *Proceedings of 2013 IEEE PES Innovative Smart Grid Technologies* . IEEE, 5 p.

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

##### **Assessment of the impact that individual voltage source has on a generator's stability**

Dmitrova, E., Jóhannsson, H. & Nielsen, A. H. 2012 *Proceedings of 10th International Power and Energy Conference, IPEC 2012*. 6 p.

Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

##### **Early prevention of instability - search for optimal grid nodes for applying countermeasures**

Dmitrova, E., Jóhannsson, H. & Nielsen, A. H. 2012 *2012 11th International Conference on Environment and Electrical Engineering*. IEEE, p. 496 - 501

Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

#### Projects:

##### **Methods for Early Warning and Early Prevention of Voltage Instability**

Dmitrova, E., Nielsen, A. H., Johansen, K., Jóhannsson, H., Træholt, C., Makarov, Y. V. & Samuelsson, O.

01/06/2010 → 26/11/2013

Project: PhD