

ELECTRIC POWER ENGINEERING 2013



Thursday, May 30, 2013 - third day of the conference

Session Power plants I, II (ROOM 400)

Chairmans: Oldřich Závíška (BÜCOM Erlangen, DE) and Jaroslava Orságová (VUT Brno, CZ)

Guarantee: Radomír Goňo (VŠB - TU Ostrava, CZ)

Time	No	Authors	Title of paper
8:30 - 10:00	17	Tibor Bachorec, Miroslav Saska	Simulace oteplovací zkoušky nulového bodu generátoru
	161	Nikolay Djagarov, Stefan Filchev, Julia Djagarova, Zhivko Grozdev, Milen Bonev	Investigation of the power quality of wind permanent magnet synchronous generator
	43	Viktor Majer, Petr Janeček, Andrea Zápotocká	Prediction of electric power generation from a photovoltaic power plant based on available cloud forecasting
	45	Pavel Cvešpr	Contribution to the Management of Service Lifetime of Power Generation Equipment
	99	Jaan Niitsoo, Lauri Kütt, Paul Taklaja	Consequences of Distributed Generation on Power Quality
	110	Toomas Vaimann, Kuno Janson, Viktor Bolgov, Ants Kallaste	Analysis of Off-Grid Hybrid Power Supply for Sparsely Populated Areas
10:00 - 10:30	Coffee break		
10:30 - 12:00	78	Martin Smoček, Zdeněk Hradílek	Methodology for evaluation extreme power conditions of photovoltaic power plants
	108	Ansis Avotins, Maris Kunickis, Uldis Bariss, Peter Apse-Apsitis	Smart Metering Cost-Benefit Analysis in Latvia
	121	Victor Astapov, Jelena Shuvalova	The Comparative Analysis of Fuel Costs for Generation Process (based on the Example of IEEE 30-bus Test System)
	111	Ants Kallaste, Toomas Vaimann, Kuno Janson, Viktor Bolgov	Components Selection of Local Power Supply System for Sparsely Populated Areas
	154	Petr Baxant	Experience with the operation of a small off-grid photovoltaic system
	66	Peteris Apse-Apsitis, Andrejs Stepanovs, Aigars Klavins, Oskars Krievs	Relational database based solar panel positioning system

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