

2017 18th International Scientific Conference on Electric Power Engineering (EPE)

Wednesday, May 17, 2017 - first day of the conference

Short Presentation - Power Plants (ROOM KAVARNA)

Guarantee: Lukáš Prokop (VŠB - TU Ostrava, CZ)

Chairman: Veleoslav Mach (VŠB – TU Ostrava, CZ)



Time	No	Authors	Title of paper
15:30 - 16:45	75	Aleš Hromádka, Zbyněk Martínek	Overview of the organic Rankine cycles and their current utilization
	56	Robert Bata, Petra Lesakova, Jana Heckenbergerova	Setting of target values for household heating by wood
	79	Borja Cortés Sánchez, Michal Váry, Milan Perný, František Janíček, Vladimír Šály, Juraj Packa	Prediction and production of small PV power plant
	60	Dušan Koniar, Michal Taraba, Juraj Adamec, Matúš Danko	Design of a system for the brightness control of LEDs
	109	Michal Petružela, Vojtěch Blažek	3D Simulation of the vertical axis Wind Turbines
	110	Šafář Michal, Matýsek Dalibor, Raclavská Helena, Kryštofová Karla, Raclavský Konstantin, Kucbel Marek, Švédová Barbora	Problems with utilisation of engineering wood for energy purposes
	125	M. Motyčka, J. Škoda, J. Štěpánek	The Uncertainty of Measurement of the Luminous Flux in an Integrating Sphere
	148	Ladislav Novosád, Zdeněk Hradílek	Design virtual model of electricity supply from biogas station
174	Michal Ney, Zdenek Hradílek, Daniel Minarik, Petr Moldrik	Analysis of Power Output from Photovoltaic Power Plant for Hydrogen Production Using Electrolysis in TCO	
16:45 - 17:15	Coffee break		

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Time	No	Authors	Title of paper
17:15 - 18:30	193	Zuzana Vavrova, Ondrej Palicka, Radim Fojtu, Pavel Dvorak	Reducing NOx emissions in the Czech Republic in accordance with legislation valid from 2021
	184	Michal Spacek, Zdenek Hradilek	Research Alternatives Power Regulation of Co-Generation Units
	50	Ivan Šperlín	Regulation of the reactive power of a wind energy converter using the ASRU application on MV level
	189	Dung Vo Tien, Petr Hawliczek, Radomir Gono, Zbigniew Leonowicz	Analysis and Modeling of STATCOM for Regulate the Voltage in Power Systems
	153	Jaroslav Štěpánek, Jan Škoda, Michal Krbal, Martin Motyčka	Visual angle in photobiological safety

