

POSTER SESSION

PAPER NO.	PAPER TITLE	AUTHORS
12	DC-DC Converter Based on the Bipolar Boost Converter and Dickson Voltage Multiplier	<i>Boris Axelrod, Yefim Berkovich, Dor Shoshani, Yuval Beck</i>
14	Floating Solar Plants on Artificial Accumulations - Example of Jablanica Lake	<i>Abdulah Akšamović</i>
15	Minimal Energy Storage Required for Stability of Low Inertia Distributed Sources	<i>Yoash Levron, Aviad Fahima, Ron Ofir, Juri Belikov</i>
17	Finite Volume Methods for Transient Modeling of Gas Pipelines	<i>Conor O Malley, Gabriela Hug, Drosos Kourounis, Olaf Schenk</i>
32	Off-grid Model of Photovoltaic System with Real Time Monitoring Function	<i>Marek Novák, Pavol Belány, Andrej Bolf, Marek Roch</i>
38	Spatial and Temporal PMU Data Compression for Efficient Data Archiving in Modern Control Centres	<i>André Kummerow, Steffen Nicolai, Peter Bretschneider</i>
42	Option Value of Dynamic Line Rating and Storage	<i>Spyros Giannelos, Ioannis Konstantelos, Goran Strbac</i>
45	Identifying Fridge Consumption in Supervised Global Electric Consumption	<i>Gilles Jacobs, Jean-Claude Maun</i>
59	Evaluation of Unscheduled Power Flows in the European Transmission System	<i>Maximilian Schneider, Hans Barrios Büchel, Armin Schnettler</i>
73	Resilient Design of Distribution Grid Automation System with CALVIN	<i>Abhinav Sadu, Lukas Ostendorf, Gianluca Lipari, Antonello Monti, Ferdinanda Ponci</i>
75	Enhancement of Annual Energy Production Based on Optimal Adjustment of PV Panels Orientation	<i>Ciprian Nemes, Cezar G. Scînteie, Romeo Ciobanu</i>
78	Quantifying the Synthetic Inertia and Load-Damping Effect of a Converter-Interfaced Power Source	<i>Bin Wang, Yichen Zhang, Kai Sun, Kevin Tomsovic</i>
79	Self-Consumption Enhancement on a Low-Voltage Grid-Connected Photovoltaic System	<i>Ciprian Nemes, Mihaela Adochitei, Florin Munteanu, Alexandra Ciobanua, Octav Neagu</i>
82	Comparative Performance Evaluation of Synchronous Reluctance Machine with Outer Rotor Versus Inner Rotor	<i>Razvan Alexandru Inte, Florin Nicolae Jurca, Claudia Martis</i>
85	Bi-level Modelling Approach to Coordinated Operation of Wind Power Plant and PV-Storage Energy Community	<i>Mirna Gržanić, Tomislav Capuder</i>

POSTER SESSION

88	Recent and Prospective Developments in Power System Control Centers	<i>Christoph Brosinsky, Dirk Westermann, Rainer Krebs</i>
90	Flexibility Offered to the Distribution Grid From Households with a Photovoltaic Panel on their Roof	<i>Bernt A. Bremdal, Hanne Sæle, Geir Mathisen, Merkebu Zenebe Degefa</i>
118	Photovoltaic Reactive Power Compensation Scheme: An Investigation for the Cyprus Distribution Grid	<i>Zunaib Ali, Nicholas Christofides, Lenos Hadjidemetriou, Elias Kyriakides</i>
141	Endogenously Stochastic Demand Side Response Participation on Transmission System Level	<i>Spyros Giannelos, Ioannis konstantelos, Goran Strbac</i>
111	Intelligent Algorithm for Energy, both Thermal and Electrical, Economic and Ecological for a Smart Building	<i>Ludovic Favre, Thibaut Schafer, Jean-Luc Robyr, Elena-Lavinia Niederhäuser</i>
138	Energy Management in the Hotel Industry of Cyprus	<i>George Papageorgiou, Andreas Efsthadiades, Athanasios Maimaris, Nicolas Nicolaou</i>
56	Optimal Operational Management Methods of Power Grids With a High Feed of Renewable Energy Sources	<i>Ric Glende, Martin Wolter, Bartłomiej Arendarski, Pio Lombardi, Przemyslaw Komarnicki</i>
37	On Restorability of Electricity Distribution and Telecommunication Networks by Remote Operations	<i>Pirkko Kuusela, Ilkka Norros</i>
69	Energy Storage as a Trigger for Business Model Innovation in the Energy Sector	<i>Iliana Ilieva, Jayaprakash Rajasekharan</i>
165	Energy Saving Through Replacement of Traffic Light Systems	<i>Alexis Polycarpou, Marios S Georgiou</i>
58	Multi-Period Planning of Distribution Grid Reinforcements under Uncertainty about Future Penetration of Photovoltaic Systems	<i>Ivan Dimitrov, Gunther Gust, Tobias Brandt, Wolfgang Biener, Dirk Neumann</i>
77	An Efficient Monte Carlo Algorithm in Probabilistic Operational Planning	<i>Pierre-Etienne Labeau, Gamze Dogan, Audrey Hermans, Cindy Bastiaensen</i>
50	Control of a Fuel Cell Vehicle Thermal Management System	<i>Philipp Rehlaender, Philipp Kemper, Andreas Schwung, Ulf Witkowski</i>
	Enhanced Operation Planning Tool for the EU Grid Addressing the Emerging Technologies	<i>Giorgio Graditi</i>