

Symposium on Smart Energy

Conference Program

30 September 2024

ONLINE FORMAT

<https://zoom.us/j/92866042154?pwd=pzLh1GOGvSLfTJsUPrTVUCTzuvurbV.1>

Zoom conference ID 928 6604 2154

Password: 924948

!!! Moscow time (GMT+3)

08:00	Welcome speech	
08:30	Ilya Storozev	Overhead Power Transmission Lines Fault Detection Using Non-contact Sensing System
08:45	Ilya Storozev	Testing of the Overhead Power Transmission Lines Fault Detection Using Non-contact Sensing System
09:00	Danil Ignatev	Probabilistic Approach of UAV Missions Planning in Inspection of Overhead Transmission Lines
09:15	Vladislav Popovtsev	Reactive Power and Voltage Control of 110-750 kV Belarus Electric Networks
09:30	Vladislav Popovtsev	Adaptive Methodology for Determining Frequency Control Law in Isolated Power Systems Based on Machine Learning Algorithms
09:45	Nguyen Van Dong	Per-unit-length Matrixes of Shielded Coupled Microstrip Lines with Different Grounds
10:00	Andrey Serov	Comparison of Frequency Measurement Methods Under Transient Conditions in Electrical Power Networks
10:15	Andrey Serov	A Method for Reducing the Static Error of a Quadrature Demodulator by the Application of Additional Measuring Channel
10:30	Kamran Dawood	Experimental Assessment of No-Load and Load Losses in Dry-Type and Oil-Filled Transformer
10:45	Kamran Dawood	Cost and Weight Comparison between Dry-Type Transformer and Oil-Type Transformer
11:00	Closing	

Moderator: Ph.D. Vladislav Popovtsev, Researcher at Ural Federal University

Section Chairman: Ph.D. Alexandra Khalyasmaa, Head of Scientific Laboratory at Ural Federal University