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Prof. Dr. Mihai TIRSU

Technical University of Moldova, Director of Institute of Power Engineering,
Moldova Republic of



Paper ID _____ : 184

Paper Title _____ : Optimization of Hybrid CHP–PV Systems with Battery Storage for Small-Scale District Heating Applications

Bio :

Dr. Mihai TÎRȘU (Moldova citizen) has over 30 years of work experience in the energy sector, of which 22 years as a manager and extensive experience in the relevant field through the management of national and international projects implemented in the country.

The main research activities are related to studies for developing cogeneration systems based on use of renewable energy, feasibility studies for implementation of energy efficiency measures, development of new technical solutions, modelling of power system operation regimes, developing future scenarios, analysis of power plant development both traditional and renewable, elaboration of recommendations for balancing the energy system in case of increasing intermittent generation sources (renewable), developing innovative equipment for directing the flow of power in transmission network.

His research activity is widely appreciated with over 230 published papers and over 15 patents. As a project manager, in the last 10 years only, over 15 national and international projects have been successfully implemented under his leadership. The experience accumulated during his career facilitates easy collaboration with all stakeholders, including civil society.