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Net zero emissions for a seminar room in the University of Balearic Islands

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A Case Study of Determining Energy Efficiency in Squirrel Cage Induction Motor According to IEC 60034-2-1:2014 Standard

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Brazilian Automotive Market: Challenges of the Growth of Electric and Hybrid Vehicles

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The impact of reactive power generation in PV systems on their yearly production of electrical energy

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One more interdisciplinary challenge: Incorporating Renewable Energy teaching and Research at the Postgraduate Programme in Environment and Development of the Federal University of Parana, Brazil

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Environmental behaviour of semi-open spaces in Mediterranean vernacular architecture. The case of rural traditional dwellings of Cyprus

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408 PP: 604-607

Methodology for Electrical Special Machines Project Optimization

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The Relation Between the Wind Sector in Brazil and The Global Crisis

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Loadability Improvement in Distribution Network using DG Units by Application of Biogeography Based Optimization Algorithm Considering Cable Aging Constraint

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Application of Biogeography Based Optimization Algorithm in Voltage Profile Improvement of Distribution Network by using DSTATCOM Considering Cable Aging Constraint

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Single-Phase Trans-Z-Source AC-AC Converter

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Sustainability as a Paradigm of Energy Policy

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An experience of distant consumers power supply by means of the renewables given specific conditions

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425 PP: 672-677

Flicker Propagation in Power Networks with Hybrid and Parallel Overhead Transmission Lines

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Flux switching alternators for small wind generation

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Super-twisting controllers for wind turbines

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Research into harmonic power in the high- voltage networks

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Optimising the use of a battery in a wind-diesel-battery hybrid island grid using power prediction and day-ahead optimisation

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Assessment of the temperature distribution into a transformer through tensile index

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Contribution to the knowledge of a microgrid. Smart Campus

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A Control Strategy Design Applied To Single-Phase Grid-Connected Inverters

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Analysis and Implementation of a Switched Reluctance Generator in Connection with the Three-Phase Power Grid and Proposal of an Anti-Islanding Strategy

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443 PP: 742-747

Production of synthesis gas from dry reforming of propane with carbon dioxide over ceria-promoted nickel foam catalysts

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Study of the performance of an adiabatic cooling pad in an air cooler system

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A Study of the Induction Motor/ASD Immunity in the Presence of Voltage Sags

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447 PP: 760-763

New Application Rules for Fuses in Low and Medium Voltage Grids having Distributed Generation

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Energy Efficiency and Distributed Generation: Case Study

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Innovative planning synergies between manufacturing processes and microgrids

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Behaviour of small scale dispersed PV generation

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Solar Energy Systems Course for Energy Engineering Students in the Context of the European Higher Education Area (EHEA)

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Comparative Aspects in Control Strategies for Hybrid DC/DC Converters

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Dynamic model of a solar powered absorption refrigeration system

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Novel conductor design to increase the thermal rating of overhead lines

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Application of generalized non-active power theory for parallel hybrid compensation of periodic and non-periodic disturbances

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Analysis of Cell to Cell Voltage Variations in a 4-cell and 25- Cell Low Temperature PEM Stacks

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Daily Global Solar Radiation estimation for Gran Canaria Island using Artificial Neural Networks

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New Urban Vertical Axis Wind Turbine Design

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Harvesting the wind energy through an actively controlled pitch-plunge flapping wing

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Analysis of Power Generation and Transmission from Very Large-Scale Photovoltaic Systems in Algeria

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Estimating the age of power transformers using the concentration of furans in dielectric oil

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Energy Household Forecast with ANN for Demand Response and Demand Side Management

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Electromagnetic Interference from a Wireless Power Transfer System: Experimental Results

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Vanadium Redox Flow Battery Storage System Linked to the Electric Grid

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Traffic Lights Control Prototype Using Wireless Technologies

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Wireless Energy Transfer with Three-Phase Magnetic Field System: Experimental Results

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Real Time Simulation of HVDC and VSC-HVDC models: Application to Algerian – Spanish Power System Interconnection

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