

SBSE 2018

VII SIMPÓSIO BRASILEIRO
DE SISTEMAS ELÉTRICOS
12 a 16 de maio de 2018
NITERÓI-RIO DE JANEIRO



PROGRAMAÇÃO DAS SESSÕES DE PÔSTERES

14 de maio de 2018 – 10h30min às 11h30min

SALA: PIRATININGA e SÃO FRANCISCO

263	Analysis of the Inclusion of Quantitative Methods for the Improvement of the Effectiveness of Collection Actions in a Power Utility
3	Use of Batteries to Voltage Regulation in Distribution Systems with Deep Penetration of Photovoltaic Generation
27	Distributed Generation Planning in Distribution System With Focus on Reliability
54	High-Impedance Fault Detection in Power Distribution Systems Through the Analysis of the Magnetic Fields in the Surroundings of the Conductors
79	Weight Limits in the DEA Benchmarking model for Brazilian Electricity Distribution Companies
90	Analysis of the impact of power maximizing strategy injected by GD on the distribution system
128	Analysis of Losses on Distribution Transformers Applied to Supply Energy to Rural Consumers
183	Photovoltaic Micro and Mini Generation Hosting Capacity Assessment in Distribution Grids
187	Optimized Allocation of Capacitor Banks in Distribution Systems Using the Tabu Search Metaheuristic
193	Analysis of voltage and short-circuit current on photovoltaic generation dominated distribution systems
228	Analysis of Current and Voltage Profiles in the Itajubá Electric Power Distribution System Using the ATPDraw
289	Analysis of the Distribution Networks Reconfiguration using the OpenDSS Software
300	An Adaptive Protection System for Distribution Network with Distributed Generation
318	Proposal of rural electrification feeder topologies based on induced voltage at isolated shielding wires

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408	Coordination of Overcurrent Relays in Radial Distribution Systems An Analytical Approach
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431	Continuity indicators decreasing through the optimal installation of single-phase distribution reclosers
479	Analysis of the Impacts of the Photovoltaic Solar Generation in the Electrical System of Distribution
60	Investigation of a neutral reactor burn in a 500 kV transmission system
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124	Single-Ended Traveling Wave-Based Fault Location Method for Parallel Lines
229	On Evaluating the Effect of Transmission Lines Capacitive Current on Distance Protection
246	Proportional-Resonant Controller Applied to Modular Multilevel Converter for HVDC Systems
258	Optimization of high-voltage transmission lines by modifying the bundle geometry
366	Assessment of 500 kV transmission lines with reactive compensation by ATPdraw
368	Computational Implementation of the Rio Madeira HVDC System
425	Switching Transient Overvoltages Analysis on 500 kV Transmission Line
492	Welding Machine Technology Impact on Electric Power Quality Analysis

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7	Methodology for Priorization of Research and Development Projects in the Electrical Sector
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102	Digital implementation of SHE-PWM modulation on FPGA for a multilevel inverter
114	Implementation of portable and power controllable inductive furnace by DC-DC power converters
319	Modeling a Photovoltaic Panel with the Algorithm Incremental Conductance to Maximize Efficiency using matlab / simulink® software
335	Evaluation of STATCOM Model for Electromagnetic and Electromechanical Transients
404	Control of Three-Phase PWM Boost Rectifiers Using Proportional-Resonant Controllers
413	Integral Sliding-Mode Controlled Boost Full-Bridge DC-DC Converter Applied in Photovoltaic Systems
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89	Individual Classification of Residential Loads from your Electrical Signature
91	Some considerations about development research and development projects on energy efficiency in the Brazilian electrical systems
99	Proposal of Low- Cost Real-Time Enrgy Quality Disturbance Monitoring System
109	The Reactive Energy Compensation of Linear Loads Using a Switched Electronic Load
456	Home appliance Identification for NILM Systems Based on Deep Neural Networks
110	Mitigation of Voltage Variations During Cloud Transients by using Energy Storage Systems
63	A Review on the Protection Elements Required for Distributed Generation in Brazil

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166	Analysis of Undervoltage Load Shedding by Conservation Voltage Reduction
182	Retrofit project of the interior lighting systems of the Rio Branco Campus of the Federal University of Acre: a study of the technical and economic aspects
36	Analysis of Self-Excitation Phenomenon in Induction Aerogenerators Directly Connected to the Electrical System
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344	Modeling and Simulation of an Emulator of a Wind Turbine Using Vector Speed Control of a Three-phase Induction Motor
365	Parameter Determination of Permanent Magnet Synchronous Machine and Sensorless Algorithm Implementation Based on Sliding Mode Observer
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430	Estimation of Direct Axis Synchronous Parameters Using the Sudden Short-circuit Tests
453	Development of a 10 kVA Wind Energy Conversion System Prototype Using the DFIG Technology
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457	Low-voltage Ride-through Improvement of PMSG- based Wind Turbines Using Predictive Control
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486	A Review on the Methods for Mitigate the Impacts of Photovoltaic Distributed Generation in Power Systems Protection

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178	Intentional Islanding using Genetic Algorithms and Algebraic-Graph Techniques
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410	Integration of consumption forecasting in Smart Meters and Smart Home Management Systems
445	Performance Analysis of Particle Swarm Optimization Method Applied to the Maximum Power Point Tracking
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264	Household Loads Behavior and Characterization in the Context of Power Quality
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381	Monitoring and Analysis of Partial Discharge Power Transformers and Capacitance and Delta Tangent
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185	A literature review of dynamic models and of the DEA network for the energy sector
186	Economic evaluation of fotovoltaic microgeneration in the Southeast region of Brazil
198	Study of a Grid-Tied Fotovoltaic System in Caruaru using PVsyst and Skelion
239	Impact of Electric Vehicles in Electric Costs considering the Long-term Operation Planning
320	Improved Genetic Algorithm Applied to the Cable Resizing Considering Different Load Profiles
323	Economic Viability Analysis of Rio Verde Hydroelectric Use Project
328	A comparative analysis of Indices for the determination of the voltage instability point
434	Socioeconomic indicators for the analysis of electricity distribution concessionaires
488	Brazilian and Global Energy Panorama - Comparative study of forecasts in the years 2000 to 2015 for the years 2015 to 2030
503	Integrated Assessment of Energy Potential and Social Aspects: Case Study of Small Wind in the State of Rio Grande do Norte
45	Power System Influence in a Qualitative Index for Mechanical Withstand Safety Margin Analysis of Transformers
68	Analysis of human reliability in the safe and efficient operation of the electric power system
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218	Public lighting as a way to smart cities: The case of Rio de Janeiro
347	Distributed Generation Allocation Using Modified Particle Swarm Optimization Algorithm
47	Simulation of transient characteristics a salient pole synchronous generator using LabVIEW software
327	Biogas fueled internal combustion engine Mean Value Model for distributed generation
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293	Parametric Sensitivity Analysis of Series Compensated Transmission Lines Protection
428	Analysis of Insertion of Wind Power Plants in the Process of Fluent Restoration of the Brazilian Interconnected Power System
305	Reduced Order DFIG Model Based on the Singular Perturbation Method for Grid Connected Wind Turbines Analysis
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20	Elaboration of an impact study on the electrical system of medium voltage caused by increased loads non-linear
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172	Transient Recovery Voltage: A Case Study Applied to Industrial Systems
234	The Influence of CCVT Ageing on Secondary Voltage Compensation
307	Development of an Intelligent Power Flow Test Algorithm in a Mathematical and Computational Platform for Active Distribution Management System
379	Modeling and Simulation of Reclosers of Real Distribution Feeder Using Software ATP
441	Conventional and Adaptive Strategies Applied to DC Motor Control Using Microcontroller PIC18F4520
466	Modeling of Digital Overcurrent Relays for Protection Coordination Studies in Electrical Systems
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87	Dielectric Evaluation of Stator Bars in Laboratory
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40	Study of the Opex Benchmarking Methodology of Pantanal Sul-Mato-Grossense
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