

2010 - Vol1 - Nr. 3

TABLE OF CONTENTS

Volume I - Nr. 3 from 2010

***RELIABILITY AND SYSTEMS ENERGY QUALITY SERVICES

1.1. RISK ANALYSIS AND RISK MANAGEMENT. DEVELOPMENT OF RISK INDICATORS IN ELECTRICITY TRANSMISSION COMPANIES

VORONCA S.L.

1.2. TOWER GROUND IMPEDANCE INFLUENCE ON THE GROUND FAULT CURRENTS ON OVERHEAD TRANSMISSION LINES

VINTAN M., BORLEA I., MIHU I.

1.3. MAINTENANCE BASED ON RELIABILITY WITH APPLICATIONS TO COMPONENTS OF TRANSMISSION AND DISTRIBUTION POWER LINES

GEORGESCU O., SARCHIZ D., BUCUR D.

1.4. MODELS REGARDING THE PREVENTIVE MAINTENANCE FREQUENCY BY ENERGY INSTALLATIONS

BARLA E., ALBUT-DANA D., RANCOV N., DUMITRESCU D., CĂRLAN M.

1.5. MODELS FOR EVALUATING THE DURABILITY OF ELECTROINSULATING MATERIALS

OLTEAN M., CĂRLAN M.

1.6. OPERATIONAL RELIABILITY ANALYSIS OF ASYNCHRONOUS MOTORS FROM "ZAHARUL" ORADEA COMPANY

RANCOV N.

***RENEWABLE SOURCES OF ENERGY. SUSTAINABLE ENERGY TECHNOLOGIES

2.1. BASIC ELEMENTS OF A RELIABLE SUBSTATION CONTROL SYSTEM

PACUREANU I., BURDUCEA M., DOBRE I

2.2. INTEGRATED SYSTEM FOR TRAINING OF OPERATING PERSONNEL FROM THERMAL POWER PLANTS EQUIPPED WITH GROUPS OF 50 MW

LAZAROIU GH., BADEA I.A., ITOAFA M., GUSTI A., TEACA R., ALEXANDRU C., TANTAREANU L., DRAGAN R.

2.3. PHOTOVOLTAIC SYSTEMS CONNECTED TO DISTRIBUTION GRID

COROIU N.

2.4. THE VOLUME OF INFORMATION, AT DHA LEVEL, NECESSARY FOR OPERATIVE CONTROL OF HYDROPOWER PLANTS AS PART OF A COMPLEX HYDROPOWER ESTABLISHMENT.

VATRA F., POIDA A.

2.5. INTEGRATION OF RENEWABLE SOURCES OF THE THERMAL ENERGY IN CENTRALIZED DISTRICT HEATING SYSTEMS OF ORADEA MUNICIPALITY

BLAGA A.C., ROSCA M., GLIGOR E., PANEA C.

2.6. INCREASING THE ENERGY EFFICIENCY OF COOLING SYSTEMS WITH ENVIRONMENTALLY FRIENDLY FREON

GHERGHINESCU S.

2.7. ETHANOL EXTRACT OF FAGUS SYLVATICA LEAVES AS AN ECO-FRIENDLY INHIBITOR FOR CARBON STEEL CORROSION IN ACIDIC SOLUTIONS

COJOCARU A., MAIOR I., VAIREANU D.I., LINGVAY C., LINGVAY I., CAPRARESCU S., BADEA G.E.

***EVOLUTION OF POWER ELECTRIC SYSTEMS TRANSPORT AND DISTRIBUTION. ENERGY SYSTEMS PERFORMANCE

3.1. STATIONARY COMPONENTS FOR COMPENSATING RES FLUCTUATIONS IN SMARTGRIDS

FIEDLER T., METZ D., MIRCEA P.M., MIRCEA I.

3.2. URBAN ELECTRIC TRANSPORT ON RAILS – 3. ANALYSIS AND EVALUATION OF ENERGY LOSSES ON POWER LINES AND THEIR INSULATION SYSTEM

LINGVAY I., SILAGHI E., CSUZI I., LINGVAY C.

3.3. ASSESMENT OF ENERGY EFFICIENCY FOR URBAN ELECTRIC TRANSPORT SYSTEMS

FELEA I., CSUZI I., DALE E., DAN F.

3.4. METHODOLOGICAL ISSUES AND RESULTS OBTAINED FROM AN ENERGY AUDITING OF A FOUNDRY

FELEA I., DAN F.

3.5. LIGHT AND COLOR, ARTISTIC ASPECTS OF LIGHTING

PORUMB C., BADEA G.E., MUDURA L., GHERGHEL S., CRET P.

***MARKET AND STOCK-MARKET OF POWER. MANAGEMENT OF POWER SYSTEMS

4.1. RISK MANAGEMENT OF ENERGY MARKET

CARABULEA A., MORAR A., CIRICA I.R., STELEA N., POPPER G., VADAN M., PACUREANU I. R.

4.2. REENGINEERING OF MANAGEMENT APPLICABLE TO ENERGY AUTOHTON AND EUROPEAN SYSTEMS

CARABULEA A., CIRICA R.I., POPPER L., GHEORGHIU I.D.,

PURCAREA A., MORAR A., STELEA N., VADAN M., FOCZE I.

4.3. MODELS DRIVING INTERPERSONAL RELATIONSHIPS IN ENERGETICS ENTERPRISES AND INSTITUTIONS TO DEVELOP ENTREPRENEURIAL CULTURE

FOCZE I., ALBUT – DANA D.

4.4. THE INFLUENCE OF THE REACTIVE POWER AND OF THE DEFORMANT REGIME ON THE QUALITY OD THE

ELECTRIC ENERGY OF THE GREAT CONSUMERS

STOICA S. D., GOLOVANOV N., IORDANESCU I.