

2010 - Vol1 - Nr. 1

TABLE OF CONTENTS

Volume I - Nr. 1 from 2010

RELIABILITY AND SYSTEMS ENERGY QUALITY SERVICES

1.1. SUSTAINABILITY CHALLENGES FOR FUTURE ENERGY SYSTEMS

CHICCO G.

1.2. CONTRIBUTIONS TO RELIABILITY MODELLING AND EVALUATION OF AUTOMATION STRUCTURE SUBSYSTEMS IN URBAN MEDIUM VOLTAGE ELECTRIC NETWORKS

FELEA I., ALBUT-DANA D., PACUREANU I.

1.3. STRUCTURAL ANALYSIS OF HIGH VOLTAGE ELECTRIC EQUIPMENT WITH A VIEW TO THE SEISMIC CAPABILITY ASSESSMENT

MIRCEA P.M., MANEA I., MIRCEA I.

1.4. INTUITIONISTIC FUZZY METHODS IN SOFTWARE RELIABILITY MODELLING

ALBEANU G., POPENTIU-VLADICESCU FL.

1.5. STATE OF THE ART AND PERSPECTIVES REGARDING THE TECHNICAL DIAGNOSIS OF POWER TRANSFORMERS

FELEA I., BOJA I., BARLA E.

1.6. ADOPTING AN OPTIMAL MAINTENANCE STRATEGY BY USING MULTICRITERIAL DECISIONAL MODELS

CĂRLAN M., OLTEAN M., BENDEA C., ALBUT-DANA D., BLAGA A., SAS A.

1.7. SIGNAL ANALYSIS IN POLLUTED POWER NETWORKS

GHEORGHE D., CHINDRIS M., VASILIU R., BINDIU R., POP G., GECAN C.

1.8. OPPORTUNITY TO ADOPT RCM STRATEGY TO MAINTENANCE ENERGY INSTALLATIONS

BARLA E., POPOVICI D., DUMITRESCU D., GOIA E., GOIA H., CĂRLAN M.

RENEWABLE SOURCES OF ENERGY. SUSTAINABLE ENERGY TECHNOLOGIES

1.9. COMPREHENSIVE EVALUATION AND MONITORING OF SOLAR THERMAL COMBISYSTEMS FOR DETACHED HOUSES

THÄœR A., BREIDLER J.

1.10. MODELING AND SIMULATION OF AN ENERGY PRODUCTION SYSTEM WITH SOLIDE OXID FUELL CELL

LAZAROIU G., BOGDAN M.I.

1.11. SCADA AND HPMS FUNCTIONS TO BE ACHIEVED BY HYDRO POWER DISPATCHER SYSTEM (DHA SYSTEM), IN CASE OF CASCADED HYDROELECTRIC POWER PLANTS

VATRA F., POIDA A.

1.12. NEW NANOHYBRIDE CATHALYTIC SYSTEMS FOR OXYGEN REDUCTION IN RENEWABLE FUEL CELLS

BANU A., MARCU M., TEODORESCU V.

1.13. PEM FUEL CELLS MODELING AND THEIR USE IN A DC DISTRIBUTION SYSTEM

GECAN C.-O., CHINDRIS M., POP G. V., BINDIU R., VASILIU R., DANIEL G.

1.14. POLARISATION MEASUREMENTS USED FOR CORROSION RATES DETERMINATION

BADEA G.E., CARABAN A., SEBESAN M., CRET P., DZITAC S., SETEL A.

PERFORMANCE

1.15. SOFTWARE TOOL DEVELOPED FOR DEREGULATED POWER SYSTEM ANALYSIS Â

KILYENI S., BARBULESCU C., JIGORIA-OPREA D., CRISTIAN D.P.

1.16. KNOWLEDGE BASE FOR ELECTRICAL DISTRIBUTION NETWORKS RECONFIGURATION Â

BORLEA I., JIGORIA-OPREA D., LUSTREA B., VINTAN M.

1.17. ENERGY ISSUES AND THE IMPACT ON ADJACENT METALLIC STRUCTURES OF RUNNING ROUTES IN URBAN ELECTRIC TRANSPORT SYSTEMS Â

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

1.18. REQUIREMENTS AND CONDITIONS FOR POWER DEMAND AND QUALITY PARAMETERS SYSTEM DEPLOYMENT FOR PUBLIC LIGHTING IN ROMANIA Â

IACOB A., ALEXANDRESCU R. M., SALCEANU C., IONESCU I., RACOVITAN I.

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

1.19. STRATEGIC MARKS IN THE BEHAVIOURAL MODELING OF ENERGY DISCHARGE Â

DUMITRESCU D., HORA C., DZITAC S., POPPER L.