20	11	- '	V٥	l2 -	N	r	4

TABLE OF CONTENTS
Volume II - Nr. 4 from 2011
***RELIABILITY AND SYSTEMS ENERGY QUALITY SERVICES
1. THE IMPACT ANALYZE OF ELECTRIC STRESS LEVEL IN CONTENT OF INSULATING OIL GASES IN POWER TRANSFORMERS
FELEA ., SECUI D.C., OLTEAN M.
2. OPTIMAL DURATION EVALUATION OF PREVENTIVE MAINTENANCE AT A POWER EQUIPMENT BASED ON COSTS. APPROACHES IN ERP MAINTENANCE STRATEGY
V. BAB U, M. LOLEA, P. CREb, S. DZIbAC
3.NEW SOLUTIONS INTO MAINTAINING THE DIKES LIFE BY ESTABLISHING THE RISKS ZONES OF INFILTRATIONS
R DULESCU V
4. RISK ANALYSYS ELEMENTS IN THE MANAGEMENT OF RENEWABLE ENERGY SOURCES DUMITRESCU D., HORA C
5. THE INFLUENCE OF ASYMMETRICAL REGIMES ON THE FUNCTIONING RELIABILITY OF ELECTRO- ENERGETIC SYSTEMS
POPESCU V
6. CONSIDERATION ON PITTING CORROSION OF STAINLESS STEEL P.CREb, G.E. BADEA, M.LOLEA, I.MAIOR, A.COJOCARU

***RENEWABLE SOURCES OF ENERGY. SUSTAINABLE ENERGY TECHNOLOGIES
7. BEST AVAILABLE TECHNOLOGY AND SUSTAINABLE DEVELOPMENT – FEATURES FOR THE LIGHTING DESIGN
ALBU H., BEU D., POP FL
8. ECONOMIC IMPLICATIONS OF POLLUTION PREVENTION OF GEOTHERMAL WASTEWATER DISCHARGES IN THE PERIMETER OF ORADEA (NORTHWESTERN ROMANIA
C LBUREAN R., ROBA C.
9. EFFICIENCY IMPROVEMENT OF THE HYDRO POWER LAKES CAPACITY BY COMBAT THE EXCEED DEVELOPED VEGETATION
R DULESCU V.
10. HEAT TRANSFER PROBLEMS IN AN ENERGY EFFICIENT BUILDING
IANC U M.
11. THE DYNAMICS ANALYSIS OF A HYDRO AGGREGATE
VERES M., TURCAN R.
12. CRITICAL ANALYSIS OF VIBRATIONS SOURCES OF HYDRO AGGREGATES IN OPERATING REGIME
VERES M., TURCAN R.
13. ANALYSIS OF GEOTHERMAL ENERGY UTILISATION IN LÉTAVÉRTES
CSÕKI I.*, KALMÕR F.Â
13b. ESTIMATION THE RESERVOIR TEMPERATURE BY USING THE SILICA- ENTHALPHY MODEL OF GEOTHERMAL WATER RESULTING FROM FOUR WELLS SITUATED IN THE WEST ROMANIA
SEBESAN M., BADEA G.E., SEBESAN R., STANASEL O., SETEL A.

14. P	ELIMINARY STUDIES CONCERNING ELECTRICITY GENERATION IN MICROBIAL FUEL	CELLS
MAIO	I., COJOCARU A., V IREANU D.I., BADEA G.A E., C PR RESCU S.	

15. SOLUTIONS FOR CONNECTING OFFSHORE WIND FARMS TO THE GRID COROIU N.

16. PRE-DRYING AND DRYING INSTALATION OF WOOD MATERIAL AND BERRIES SETEL A., ANTAL C.

17. OPTIMAL ENERGY STORAGE CAPACITY FOR A GRID CONNECTED HYBRID WIND-PHOTOVOLTAIC GENERATION SYSTEM

VUC GH., BORLEA I., JIGORIA-OPREA D., VINTAN M.

18. A RECURRENT NEURAL NETWORK APPROACH FOR SHORT-TERM WIND POWER PREDICTION ALBU R ZVAN-D.*, POPENbIU-VL DICESCU F.*, KALMU CHI G.

Â

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

19. TRANSMISSION EXPANSION PLANNING. CASE SSTUDY FOR THE ROMANIAN POWER SYSTEM KILYENI ST., BARBULESCU C., POP D., CRISTIAN D., SOLOMONESC FL.

20. CONTINGENCY â€" CONSTRAINED CONGESTION MANAGEMENT TRANSMISSION COST ALLOCATION POP O., BARBULESCU C., KILYENI ST.

21. ESTIMATION OF POWER CABLES MAGNETIC FIELDS IN MINE TUNNELS NEAMT L., HORGOS M., CHIVER O., ERDEI Z.

22. SCADA - SUPERVISORY CONTROL AND DATA ACQUISITION.
COROIU N.
23. CONSIDERATIONS REGARDING THE RECOVERING OF POWER TRANSFORMERS POWER LOSSES FROM HV / MV ELECTRIC STATIONS
FELEA I., BENDEA G., CHERECHE O., ALMASAN I., BENDEA C., BARLA E
Â
***MARKET AND STOCK-MARKET OF POWER. MANAGEMENT OF POWER SYSTEMS
24. POLLUTION, ENERGY CONSUMPTION AND ECONOMIC GROWTH: EVIDENCE FROM INDIA, CHINA AND BRAZIL
MEHRARA M., MUSAI M., AMIR H.
OF ENERGY RECOURCES IN A FOLIANISTANIAND MEAGURES TO IMPROVE FOR CUSTAINARI E REVELORMENT
25. ENERGY RESOURCES IN AFGHANISTAN AND MEASURES TO IMPROVE FOR SUSTAINABLE DEVELOPMENT NADEEM M.
TWADELIN IVI.