

**DEPARTMENT OF ELECTRICAL POWER ENGINEERING**  
**<http://www.kee.elf.stuba.sk>**

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**I. STAFF**

Professors	Prof. Ing. Pavol Horňák, DrSc., Prof. Ing. František Janíček, PhD., Prof. Ing. Alfonz Smola, PhD.
Associate Professors	Doc. Ing. Ivan Daruľa, PhD., Doc. Ing. Daniela Reváková, PhD., Doc. Ing. Pavol Šandrik, PhD., Doc. Ing. Peter Šimunek, PhD.
Assistant Professors	Ing. Anton Beláň, PhD., Ing. Žaneta Eleschová, PhD., Ing. Dionýz Gašparovský, PhD., Ing. Vladimír Horník, Ing. František Krasňan, PhD., Ing. Miroslav Smola
Research Workers	Ing. Vladimír Ondrejka, PhD., Ing. Martin Smieško
Technical Staff	Katarína Knežíková, Eva Molotová
PhD. Students	Ing. Milan Boháč, Ing. Attila Kment, Ing. Martin Mucha, Ing. Adriana Nováková, Ing. Marek Pípa, Ing. Marek Podmanický, Ing. Ľubomír Polonec, Ing. Rastislav Popik, Mgr. Miroslava Smitková, Ing. Sandra Tabíšová, Ing. Lucia Tekerová, Ing. Askar Turabekov, Ing. Martin Vojtek

**II. EQUIPMENT**

**II.1 Teaching and Research Laboratories**

- Laboratory of High Voltage Technology
- Laboratory of Lighting Technology
- Solar Energy Laboratory
- Laboratory of Electrical Installations
- Laboratory of Special Problems of Power Engineering
- Laboratory of Electrical Protections

**II.2 Special Measuring Instruments and Computers**

- Power network analyzer BK 550
- Power network analyzer Dranetz 658
- Cascade transformer, 1200 kV, 1500 kVA
- Impulse generator, 2500 kV, 100 kJ
- Installation system Instabus EIB
- Photometric integrator Ø 3 m
- Spectrofotometer

**III. TEACHING**

**III.1 Undergraduate Study (Bc.)**

Subject, semester, hours per week for lectures and for seminars or practical exercises, name  
of lecturer  
Power Elements and Systems (3rd sem., 3-2h) F.Janiček, L.Hüttner

Power Elements and Systems	(4th sem., 3-2h)	F.Janiček, L.Hüttner
Transmission and Distribution of Electrical Energy	(5th sem., 3-2h)	D.Reváková
Short Circuits and Power System Stability	(6th sem., 3-2h)	D.Reváková
Lighting Technology	(6th sem., 3-2h)	A.Smola
Software for Energy Applications	(6th sem., 1-3h)	A.Beláň
Electrical Installations	(7th sem., 2-3h)	D.Gašparovský
Theoretical Photometry and Colorimetry	(7th sem., 3-2h)	P.Horňák
Economics and Control in Electrical Power Engineering	(7th sem., 3-2h)	D.Reváková
Power Stations	(7th sem., 3-2h)	I.Daruľa
Electrical Part of Power Stations	(8th sem., 3-2h)	I.Daruľa
High Voltage Technology	(8th sem., 2-3h)	P.Šandrik
Substations	(8th sem., 3-2h)	F.Janiček
Electrical Power Equipment	(8th sem., 2-2h)	D.Gašparovský

### III.2 Graduate Study (Ing.)

Steady State in Power System	(1st sem., 2-2h)	D.Reváková
Electrical Networks	(1st sem., 2-2h)	D.Reváková
Theoretical Photometry and Colorimetry	(1st sem., 2-2h)	P.Horňák
Light Sources and Ballasts	(1st sem., 2-2h)	A.Smola
Electrical Part of Power Stations	(2nd sem., 2-2h)	I.Daruľa
Transient Phenomena in Power System	(2nd sem., 2-2h)	D.Reváková
Diagnostics and Expert Systems	(2nd sem., 2-2h)	P.Šandrik
Applied Electrical Power Engineering	(2nd sem., 2-2h)	F.Janiček
Electrical Lines	(2nd sem., 2-2h)	D.Gašparovský
Luminaires	(2nd sem., 2-2h)	P.Horňák
Measurement of Light and Colours	(2nd sem., 2-2h)	P.Horňák
Power System Control	(3rd sem., 2-2h)	A.Beláň
Electrical Energy Utilization	(3rd sem., 2-2h)	L.Hüttner, A.Smola
Nonconventional Energy Sources	(3rd sem., 2-2h)	I.Daruľa
Protections and Automatics	(3rd sem., 2-2h)	F.Janiček
Lighting Systems	(3rd sem., 2-2h)	A.Smola
Engineering Ecology	(3rd sem., 2-2h)	I.Daruľa
Artificial Lighting	(4th sem., 2-1h)	A.Smola

**III.3 Undergraduate Study (Bc. Distance Education Method)**

Introduction to Study and Internet	(1st sem.)	I.Daruľa, I.Polonec
Transmission and Distribution of Electrical Energy	(7th sem.)	D.Reváková
High Voltage Technology	(7th sem.)	P.Šandrik
Short Circuits and Power System Stability	(8th sem.)	D.Reváková
Energetic Software	(8th sem.)	A.Beláň, B.Hučko
Power Stations 1	(8th sem.)	B.Hučko, I.Daruľa
Power Stations 2	(9th sem.)	I.Daruľa
Substations and Protection Relays	(9th sem.)	F.Janiček
Installations and Lines	(9th sem.)	D.Gašparovský

**IV. RESEARCH PROJECTS**

- Digitisation of the Algorithms for the Control and Protection of Devices in Power and Distribution Systems. VG 0166, F. Janíček
- Forming Curves and Construction of Reflectors for Luminaires. VG 0151, A. Smola
- Proposal of the Integral Structure of Study Plans in the Framework of Study Programme Technics of the Keeping of Remembrances. KEGA, A. Smola
- Optimization of Generation and Consumption of Electric Energy in Transmission Systems. VTP 13 MŠ SR, F. Janíček
- Energy Sources of Electric Power and Conversions of Energy. ŠP-43-Šim-Sk5, I. Daruľa
- Influence of Market Background on Transmissions and Conversions of Electric Power. ŠP-44- Mur-Sk5, J. Murgaš

**V. COOPERATION****V.1 Cooperation in Slovakia**

- Nuclear Power Plants Research Institute (VÚJE, a. s.) Trnava
- Slovak Power Company (SE, a. s.) Bratislava
- Hydro Power Plants (SE-VET) Trenčín
- Nuclear Power Plant (SE-EBO) Jaslovské Bohunice
- Nuclear Power Plant (SE-EMO) Mochovce
- Nuclear Regulatory Authority of the Slovak Republic, Bratislava
- Western Slovak Distribution Company (ZSE, a. s.) Bratislava
- Siemens, s. r. o. Bratislava
- ABB Slovakia, s. r. o. Bratislava
- LIV Elektra, a. s. Bratislava
- Philips Slovakia, s. r. o. Bratislava
- Osram Slovakia, a. s. Nové Zámky
- Slovak Telecommunications, a. s. Bratislava
- Slovnaft, a. s. Bratislava
- Faculty of Electrical Engineering and Information Technology TU Košice
- Faculty of Electrical Engineering ŽU Žilina
- TU Trenčín

- SKTC 101 Nová Dubnica
- Orgeco, p. l. c. Nové Zámky
- AMI, p. l. c. Nové Zámky
- SLOS, p. l. c. Banská Bystrica
- Bellux, p. l. c. Bratislava
- OMS, p. l. c. Senica
- MPL Bratislava

## V.2 International Cooperation

- TU Ilmenau, Germany
- Osram, GmbH, München, Germany
- ABB, s. r. o. Brno, CzR
- Czech University of Technology Prague, CzR
- West Bohemian University Pilsen, CzR
- University of Technology Brno, CzR
- University of Technology Ostrava, CzR
- GE Lighting Tungsram, Budapest, Hungary
- Tungsram Schréder, Budapest, Hungary
- KOLARZ-LEUCHTEN, Breitenfurt, Austria
- Sylvania Lighting International, Erlangen, Germany
- TRILUX-LENZE, Arnsberg, Germany
- Electrical Testing Facility, Prague, CzR
- Svetoservis, Moscow, Russia
- ROSTEST, Moscow, Russia
- MEI Moscow, Russia
- AUTOPAL, Nový Jičín, CzR
- Helvar, Frankfurt, Germany
- Tridonic, Dornbirn, Austria
- Thorn Lighting CS, Prague, CzR
- Politechnika Opolska, Opole, Poland
- Silesian University of Technology, Gliwice, Poland

## V.3 Membership in Slovak Organizations and Societies

- F. Janíček: Member of Slovak nuclear forum
- D. Reváková, P. Šandrik: Members of Technical standardization committee No. 43 (Electrical power engineering) at Slovak institute for standardization
- A. Smola: Member of Technical standardization committee No. 20 (Light sources, lighting devices and their equipment) at Slovak institute for standardization
- A. Smola: Member of Technical standardization committee No. 108 (Light and lighting) at Slovak institute for standardization
- D. Gašparovský: Member of Technical standardization committee No. 84 (Electrical Installations and Protection against Electric Shock) at Slovak institute for standardization
- I. Daruľa, F. Janíček, D. Reváková, A. Smola: Members of Test Commission of Slovak regulation committee
- F. Janíček: Member of Slovak Academy of Engineering Sciences
- F. Janíček: Chairman of Academic board of FEI STU Bratislava
- F. Janíček: Member of Academic board of Faculty of Mechatronics Trenčín University
- F. Janíček: Member of Minister of economy collegium
- F. Janíček: Chairman of Council for state programs of Ministry of Education SR and Ministry of Economy SR
- F. Janíček: Chairman of Expert committee for electrical engineering, information technology, automation and control of Science and technology assistance agency

- F. Janíček: Member of workgroup for restructuring of the power sector
- F. Janíček: Member of commission for selection of advisor for privatization of the Slovak Electric Co. (National Property Fund of the Slovak Republic)
- A. Smola: Chairman of Slovak society of lighting technology
- D. Gašparovský: Member of the Slovak society of lighting technology
- F. Janíček: Chairman of Common departmental committee of scientific department 26-34-9 Electrical power engineering
- P. Horňák, D. Reváková, A. Smola, P. Šandrik: Members of Common departmental committee of scientific department 26-34-9 Electrical power engineering
- I. Daruľa: Members of Common departmental committee of scientific department 35-25-9 Nuclear power engineering

#### **V.4 Membership in International Organizations and Societies**

- I. Daruľa: CIGRE – International Council on Large Electric Systems, Paris
- D. Reváková: CIRED – International Conference on Electricity Distribution, London
- P. Šandrik: IEC TC – International Electric Committee No. 42 – High Voltage Technology

#### **V.5 Contracts**

- A. Smola, D. Gašparovský, K. Knežíková: Audit of public lighting in Modra. Contract with MsU Modra
- A. Smola, F. Krasňan, K. Knežíková: Project of Illumination of the Cathedral in Trnava. Contract with Siemens, s.r.o. Bratislava
- A. Smola, D. Gašparovský, Š. Rakovský, K. Knežíková: Procedure of account power consumption in Buildings. Contract with VVÚPS-NOVA Bratislava
- A. Smola, E. Molotová: Illumination of dominants in Trenčín. Contract with MsÚ Trenčín
- F. Janíček, L. Polonec, M. Jedinák, M. Kalina, J. Šedivý, I. Šulc, M. Valko: Set up of distribution system corded order. Contract with ZSE, a.s. Bratislava
- F. Janíček, A. Beláň, Ž. Eleschová: Study development „Calculation of transmission ability of 22 kV overhead-line from hydro plant Žilina line no.1320, cross section of overhead line 150 mm<sup>2</sup> and alternative overhead line of cross section 240 mm<sup>2“</sup>. Contract with Vodohospodárska výstavba, š.p. Bratislava
- F. Janíček, L. Polonec, I. Daruľa, M. Smitková, M. Mucha: Development of a chapter from study of platform establishment feasibility. Contract with Euro Project Service, a.s. Bratislava
- F. Janíček, P. Poliovka, M. Jedinák, M. Kalina, J. Šedivý, I. Šulc, M. Valko: Analysis of state of main backup dispatchings design in power corporations. Contract with SEPS, a.s. Bratislava
- F. Janíček: Documentation process, measuring verification of 160 kVA transformer a connection to research project. Contract with Poľnohospodárske družstvo Siladice
- F. Janíček: Calculation of influence of wind park energization in locality Orechová Potôň on 110kV system. Contract with VUPEX, a.s. Bratislava

## **VI. THESES**

### **VI.1 Masters Theses**

Masters theses supervised at the Department of Power Engineering. The names of supervisors are in brackets.

- [1] M. Bartoš: Revision of Electrical Equipments and Installations (F. Krasňan)
- [2] P. Bezák: Modernizácia spracovania výsledkov svetelnotechnických meraní (M. Pípa)
- [3] R. Borka: Projection of the High and Low-Voltage Industrial Power Distribution (G. Farkas)
- [4] P. Dovala: Application of Solar Energy (I. Daruľa)

- [5] J. Gregor: Recycling of the Fluorescent and Discharge Light Sources According to the New Environment Legislation (P. Horňák)
- [6] V. Halička: Reconstruction of Power Supply Network in Company MONDI B.P. SCP (D. Pudiš, A. Beláň)
- [7] M. Jurčo: Solar Systems in Small and Middle Companies (D. Gašparovský)
- [8] F. Kinčeš: Voltage Sag Indices and Statistics (A. Beláň)
- [9] M. Kotulič: Scenic Lighting Control System (F. Krasňan)
- [10] J. Krekáň: Temporary Phenomena of the Self-Consumption in Thermal Power Plant (I. Daruľa)
- [11] M. Kučera: Influence of Higher Harmonics on Measurement Provided by Distance Protection (A. Beláň)
- [12] Z. Medňanská: Technical Standards for Participants on Market with Electrical Energy in Liberalised Surroundings (A. Šalamonová, D. Reváková)
- [13] M. Melichárek: Analysis of Congestion Management Methods in Transmission Systems and Impact on Electricity Market (A. Šalamonová, F. Janíček)
- [14] P. Merschitz: System of Inovation of the Electrical Station 110/22 kV Štúrovo (F. Janíček)
- [15] M. Mokroš: Lighting of Historical Buildings (A. Smola)
- [16] S. Monozlai: Short-Circuit Current Calculation in HV and VHV Systems (M. Bednár, D. Reváková)
- [17] L. Nekoranec: System of Intelligent Electrical Installation EIB i-bus (L. Šeliga, D. Gašparovský)
- [18] Š. Raučina: Calculation of Failure Current in there Phase Networks (D. Reváková)
- [19] R. Svitek: Protection of Electrical Energy System before Effects of Atmospheric Overvoltage (P. Šandrik)
- [20] R. Švec: Intelligent Instalation of NIKOBUS in the Family House (A. Smola)
- [21] R. Vanek: Sporting Facilities Lighting (A. Smola)
- [22] M. Žídek: Illumination of Jewish Street (A. Smola)

## **VI.2 Doctoral Theses**

- [1] V. Ondrejka: Analysis of Equivalent Schema of High Voltage Insulation System of Rotary Electric Machine Stator Winding (P. Šandrik)

## **VII. OTHER ACTIVITIES**

- D. Reváková, A. Smola: Members of Program Board of the Conference Electrical Engineering and Information Technology "ELOSYS 2005", Trenčín, October 2005
- D. Reváková: Member of Editorial Board of the journal EE-Elekrotechnika a energetika (Journal of Electrical and Power Engineering), Bratislava
- D. Reváková: Member of Examining committee for the conferment of certificate for business activities in electrical power engineering at the Ministry of economy of the Slovak Republic
- F. Janíček: Expert Guarantee of the Conference Electrical Engineering and Information Technology "ELOSYS 2005", Trenčín, October 2005
- F. Janíček: Member of Scientific Committee of the 6<sup>th</sup> European Conference of Young Research and Science Workers in Transport and Telecommunications "TRANSCOM 2005", Žilina, June 2005
- F. Janíček: Member of International Program Committee of the 5<sup>th</sup> International Conference "Virtual University 2005", Bratislava, December 2005
- F. Janíček: Member of International Scientific Committee of the 6<sup>th</sup> International Scientific Conference Electric Power Engineering "EPE 2005", Kouty nad Desnou (CzR), 30.5.-1.6.2005
- F. Janíček: Representative of FEI STU in Excellence Centre of Slovak Academy of Sciences
- F. Janíček: Member of International Scientific Committee of the 3<sup>rd</sup> International Scientific Symposium Electric Power Engineering 2005, Stará Lesná – Vysoké Tatry, September 2005

- F. Janíček: Member of Editorial Board of the Journal of Electrical Engineering, Bratislava
- International Scientific Conference Electric Power Engineering "EPE 2005", Kouty nad Desnou (CzR), 30.5.-1.6.2005
- F. Janíček: Member of Scientific Committee of the International Scientific and Technical Conference "GRE 2005", Forum of Power Engineers, Opole (Poland), May 2005
- F. Janíček: Member of the research and development national program for sectional national program "The application of progressive principles of energy generation and transformation"
- A. Smola: Member of Editorial board of the journal Světlo (Light), Prague (Czech Republic)
- A. Smola: Member of Editorial board of the journal TZB Haustechnik (Technical Buildings Installations), Bratislava
- A. Smola: Head of the Institute of Experts at the Faculty of Electrical Engineering and Information Technology
- A. Smola: Chairman of Programme Board of the 16<sup>th</sup> International Conference "Light 2005", Jasná – Nízke Tatry, October 2005
- D. Gašparovský: Chairman of Organizational Board of the 16<sup>th</sup> International Conference "Light 2005", Jasná – Nízke Tatry, October 2005
- P. Horňák: Member of Editorial board of the journal Jemná mechanika a optika (Fine mechanics and optics), Přerov (Czech Republic)
- P. Horňák: Member of Editorial board of the journal Electrical engineering in practice, Ostrava (Czech Republic)

## **VIII. PUBLICATIONS**

### **VIII.1 Journals**

- [1] BELÁŇ, A., ELESCHOVÁ, Ž.: Selected Problems of Turbogenerators Protection. In: Zeszyty Naukowe : Elektryka. - Vol.55, No.299 (2005) - pp. 41-56. (in English)
- [2] BELÁŇ, A., ELESCHOVÁ, Ž., JANÍČEK, F.: Extending the Regulation Capacities of the Generator in a Nuclear Power Plant. In: Zeszyty Naukowe : Elektryka. - Vol.55, No.299 (2005) - pp. 17-32. (in English)
- [3] BELÁŇ, A., ELESCHOVÁ, Ž., SMOLA, M.: Resonances Overvoltages in Electric Power Networks. In: Zeszyty Naukowe : Elektryka. - Vol.55, No.299 (2005) - pp. 33-39. (in English)
- [4] DARUĽA, I., KLUG, Ľ.: Sources of Wind Power Plants. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, No.2 (2005) - pp. 10-13. (in Slovak)
- [5] DARUĽA, I., SMOLA, M.: Possibilities to Use of Fuel Cells. In: TZB Haustechnik. – Vol.13, No.4 (2005) – pp. 13-16. (in Slovak)
- [6] ELESCHOVÁ, Ž., BELÁŇ, A.: Rotor Ground Fault Protection of Generator with Static Excitation System. In: Zeszyty Naukowe : Elektryka. - Vol.55, No.299 (2005) - pp. 81-91. (in English)
- [7] ELESCHOVÁ, Ž., BELÁŇ, A.: Influence of Static Excitation System on Rotor Ground Fault Protection of Synchronous Generator. In: Elektroenergetika. - Vol.55, No.10 (2005) - pp. 318-324. (in Slovak)
- [8] GAŠPAROVSKÝ, D.: Utilization of Solar Energy in Slovakia. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, No.2 (2005) - pp. 13-16. (in Slovak)

- [9] HARSÁNYI, Z., JANÍČEK, F., LELÁK, J., MURÍN, J.: Compensator of Thermal Flow. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, No.6 (2005) - p. 44. (in Slovak)
- [10] HORŇÁK, P.: What One Needs to Know When Labelling Domestic Lights with a Power Label. In: Elektrotechnika v praxi. - Vol.15, No.5-6 (2005) - p. 55. (in Slovak)
- [11] HORŇÁK, P.: Elektro 2005 Fair. In: Světlo. - Vol.8, No.2 (2005) - p. 20. (in Slovak)
- [12] HORŇÁK, P.: Conference LIGHT 2005. In: Světlo. - Vol.8, No.6 (2005) - p. 39. (in Slovak)
- [13] HORŇÁK, P.: Luminous Intensity Measurements. In: Jemná mechanika a optika. - Vol.50, No.3 (2005) - pp. 91-93. (in Slovak)
- [14] HORŇÁK, P.: Can Energy Contracting be a Means of Solving the Public Lighting Problem ? In: Elektrotechnika v praxi. - Vol.15, No.1-2 (2005) - pp. 86-88. (in Slovak)
- [15] HORŇÁK, P.: Electric Equipment and Electric Waste Treatment. In: TZB - Haustechnik. - Vol.13, No.6 (2005) - pp. 18-20. (in Slovak)
- [16] HORŇÁK, P.: How to Use the EN 13201 Standard on Road Lighting. - Part 1. In: TZB - Haustechnik. - Vol.13, No.6 (2005) - pp. 32-34. (in Slovak)
- [17] HORŇÁK, P.: Faults of Qualities of Compact Fluorescent Lamps Analysis. In: Světlo. - Vol.8, No.2 (2005) - pp. 60-61. (in Slovak)
- [18] HORŇÁK, P.: Detailed Experimental Research of the CIE Confirmed Advantages of the UGR Method. In: Elektrotechnika v praxi. - Vol.15, No.1-2 (2005) - pp. 82-85. (in Slovak)
- [19] HORŇÁK, P.: For Those Who Appreciate Quality Improvement in Working Conditions. In: TZB Haustechnik. - Vol.13, No.4 (2005) - p. 23. (in Slovak)
- [20] HORŇÁK, P.: Light Flux Determination of Single Ended Luminescent Lamps. In: Světlo. - Vol.8, No.6 (2005) - pp. 43-46. (in Slovak)
- [21] HORŇÁK, P.: ERG Trade Fair at the Beginning of a New Stage. In: Elektrotechnika v praxi. - Vol.15, No.5-6 (2005) - p. 63. (in Slovak)
- [22] MARKO, Š., DARUĽA, I., VLČEK, S.: Development of Wind Farm Models for Power System Studies. In: Journal of Electrical Engineering. - Vol.56, No.5-6 (2005) - pp. 165-168. (in English)
- [23] MUCHA, M., SMOLA, M.: Protecting of Power Lines during Ground Faults. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, No.4 (2005) - pp. 19-21. (in Slovak)
- [24] NOVÁK, P., JANOŠČÍK, J., NOVÁKOVÁ, A.: Utilisation of Numerical Method of Elementary Conductors in Surface Effects Solving. In: Energética un elektrotehnika. - Vol.15 (2005) - pp. 93-101. (in English)
- [25] NOVÁK, P., MEDVEĎ, D., NOVÁKOVÁ, A.: The Impedance of Loads in Low-Resistance Electric Ovens. Part 1. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, No.3 (2005) - pp. 28-31. (in Slovak)
- [26] NOVÁK, P., MEDVEĎ, D., NOVÁKOVÁ, A.: The Impedance of Loads in Low-Resistance Electric Ovens. Part 2. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, No.5 (2005) - pp. 22-25. (in Slovak)

- [27] NOVÁKOVÁ, A., TEKEROVÁ, L.: Analysis of Securing Reliability in the Operation of SR Power Network. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, Special Issue (2005) - pp. 101-103. (in Slovak)
- [28] PÍPA, M.: Measurements in Light by New Standard STN EN 13032-1. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, Special Issue (2005), - pp. 131-133. (in Slovak)
- [29] POLONEC, I.: Economic Preconditions of the Development of Renewable Energy Sources in Slovakia. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, No.2 (2005) - pp. 5-7. (in Slovak)
- [30] REVÁKOVÁ, D., NOVÁKOVÁ, A.: Analysis and Determination of Possible Development Trends of Power Engineering in Compliance with Principles of EU. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, Special Issue (2005) - pp. 98-100. (in Slovak)
- [31] SMOLA, A.: Light Sources for Public Lighting. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, Special Issue (2005) - pp. 134-137. (in Slovak)
- [32] SMOLA, A., GAŠPAROVSKÝ, D.: Efficient Lighting in Offices. In: TZB Haustechnik. - Vol.13, No.3 (2005) - pp. 14-17. (in Slovak)
- [33] SMOLA, M., BELÁŇ, A., ELESCHOVÁ, Ž.: Power Lines Protection by Digital Relays. In: Zeszyty Naukowe : Elektryka. - Vol.55, No.299 (2005), - pp. 203-208. (in English)
- [34] SMOLA, M., BELÁŇ, A., ELESCHOVÁ, Ž., MUCHA, M.: Switching Overvoltages at No-Load Power Lines. In: EE - časopis pre elektrotechniku a energetiku. - Vol.11, Special Issue (2005) - pp. 95-97. (in Slovak)

### VIII.2 Conferences

- [1] BELÁŇ, A., ELESCHOVÁ, Ž.: The False Operation of the Tank Earth-Fault Protection of the Block Transformer. In: 5th WSEAS/IASME International Conference on Electric Power Systems, High Voltages, Electric Machines : Tenerife, Spain, 16.-18.12.2005. CD-Rom. (in English)
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