

# EURÓPSKA ENERGETICKÁ VÍZIA – NÁVOD ALEBO DIREKTÍVA ?

AKÁ BUDE ENERGETIKA V STREDNEJ EURÓPE?
 PRIPRAVENOSŤ ENERGETIKY NA NOVÉ VÝZVY A KRÍZOVÉ SCENÁRE
 ROZVOJ ALEBO ÚPADOK ENERGETICKEJ INFRAŠTRUKTÚRY?

# EUROPEAN ENERGY VISION - GUIDELINE OR DIRECTIVE ?

WHERE DOES THE CENTRAL EUROPEAN POWER SECTOR GO?
 PREPAREDNESS FOR NEW CHALLENGES OR FOR CRISIS SCENARIOS
 DEVELOPMENT OF ENERGY INFRASTRUCTURE OR ITS FAILURE?

# 2014

11<sup>th</sup> SLOVAK ANNUAL CONGRESS ON POWER AND ENERGY

held under auspices of Ministry of Economy of the Slovak Republic



April 23–24, 2013

Bratislava Palffy Palace, Zámocká street





PARTNERS











MEDIA PARTNERS







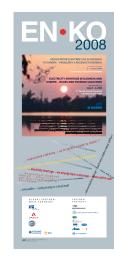
























# welcome address and Congress opening

**Ľuboš TOMÍK** Congress Chairman

Jiří MAREK Congress Vice-Chairman



ENERGY AND ENVIRONMENTAL LEGISLATION, PROSPECTIVE ENERGY SOURCES FOR SLOVAKIA, INNOVATIVE WAYS AND TECHNOLOGIES



**Ol'ga ALGAYEROVÁ** Ambassador, Permanent Mission of the Slovak Republic to the International Organizations in Vienna, Chairperson of the OSCE Economic and Environmental Committee

# PROTECTION OF CRITICAL ENERGY INFRASTRUCTURE AND RELATED OSCE ACTIVITIES, AND CONTRIBUTION OF SR

In 1982 she graduated from the University of Economics in Bratislava, Faculty of Foreign Trade. In 2002—2006 she studied at the Open University Business School, Milton Keynes, United Kingdom and in 2007-2010 at the University of Malta. In 1982—1991 she worked as Deputy to the Head of Department in PZO Drevounia Bratislava. Later on she held the position of Head of the Representation Office in Slovakia for Compensacion y Comercio S.A. Barcelona, Spain. From 1995 to 2006 she worked in pharmaceutical industry for Slovakofarma, jsc., as Head of Export Department and Financial and Tax Adviser to the CEO, later on in Zentiva International, jsc., as Corporate Manager of Opportunity Export and Contract Manufacturing and Licensing-out Business Unit.

Later on she became State Secretary of the Ministry of Foreign Affairs, Foreign Policy Advisor to the Prime Minister's Office. Currently, she is Ambassador, Head of the Permanent Mission of Slovakia to the International Organizations in Vienna, Austria. As Chairman of the Economic and Environmental Committee of the OSCE in 2013 she deals with issues of energy infrastructure safety.



Ján PETROVIČ General Director, Department of Energy, Ministry of Economy of the Slovak Republic

# NEW EU ENERGY POLICY IN 2014 (EU 2030 FRAMEWORK FOR CLIMATE AND ENERGY POLICIES) AND THEIR IMPACT ON SR

After graduating the Technical University of Košice, Faculty of Mining, he started his professional career in the mining company Baňa Dolina, a.s., in Veľký Krtíš. Since 1995 he has been working at the Ministry of Economy of the Slovak Republic in several positions; during this period he was a member of the Board of company Želba, a.s., Spišská Nová Ves and member of Supervisory Boards of companies Východoslovenské energetické závody, š.p., Košice, Transpetrol, a.s., Bratislava and Zvolenská teplárenská, a.s., Zvolen. In 2004 he became the director of Energy Policy Section and since November 2007 he is undertaking the function of Department Energy General Director. In this position Mr. Petrovič is responsible for the creation of the state energy and raw materials policy, energy and mining legislation, international relations (EC, EU, IEA, ECT, CEI). He is further responsible for the state administration performance designated by law as power industry (including nuclear), renewables, energy efficiency, gas industry, heat power sector, oil industry (including biofuel), and mining and treatment of ore and non-ore mineral raw materials and fuel.



# Martin MINÁRIK Expert, Energy Charter Secretariat, Belgium

# PROTECTION OF CRITICAL ENERGY INFRASTRUCTURE AND MAIN TASKS OF ENERGY CHARTER DURING UKRAINE CRISIS

Martin Minárik has extensive experience from executive and management positions both in private and public sector. He worked in marketing and advertising at Starcom MediaVest Slovakia delivering media campaigns for wide-known brands such as Samsung, HSBC, RWE, Honda and others. In the position of Advisor at the Foreign Relations and Protocol Department at the Slovak Parliament he participated in high-level event management, and drafted Speaker's official correspondence and background materials on EU affairs. As a Director of Chairman's Office at the Slovak Quality Infrastructure Authority he coordinated international cooperation with partner authorities abroad. He also held a position of Deputy Director for Marketing and PR at Slovak Folk Crafts Agency where he was responsible primarily for agency's communication and media relations. Most recently he worked at EU Issue Tracker, a Brussels-based legislative monitoring service, and at the Energy Charter Secretariat, focusing on energy and climate change related issues.

Martin holds a Masters degree in International Relations and Diplomacy from the University of Economics in Bratislava (Slovakia) and the College of Europe in Bruges (Belgium). His thesis on approximation to EU technical standards "with and without the promise of EU membership", based on the cases of Slovakia and Ukraine was published as EU Diplomacy Paper no. 2/2013 in January 2013.



Michal ŠČEPÁNEK Leader of Metering and Data, Západoslovenská distribučná, a. s., E.ON group member

# SMART METERING, OTÁZKA BLÍZKEJ BUDÚCNOSTI A VÍZIA

In 2005, he graduated the Faculty of Electrical Engineering and Informatics, Slovak Technical University in Bratislava, department of Automation specialization I&C information systems. In 2005 he joined the ZSE and later split (unbundled) to different companies. From 2005 until now working in a group ZSE in various positions. Since 2010 he is working as Head of measurement data in Západoslovenská distribučná a.s. In his work he is dealing with measurement issues in the distribution system, data flows and field deployment of smart metering projects.



**Hans-Otto ROHWER** Expert in Nuclear Back-End and Decommissioning, AREVA Group, Erlangen

### AREVA EXPERIENCE IN DISMANTLING OF THE PRIMARY CIRCUIT

Hans-Otto Rohwer studied Mechanical Engineering and started his career 1975 in the former Kraftwerk Union / Siemens which currently is the German part of AREVA. His first job was pipework engineering. After five years he changed to the Project Management Organization and took over duties and responsibilities at the PWR Projects Isfahan and Busher in Iran and at the BWR Gundremmingen (2x1300 MW) in Germany. He continued in the field of Project Management and was responsible for Siemens fossil fired power plants in different countries as Project Manager and Project Director. Further he came back to the nuclear projects of AREVA and was in charge of backfitting projects in Germany. In 2011 AREVA decided to build up a Center of Competencies (COC) for the Decommissioning and Dismantling of NPPs which is located in Germany. Together with the competencies from other AREVA business groups (e.g. Fuel service, Decontamination, Dismantling, Waste handling) in Germany and other AREVA locations in France and USA this COC bundles, organizes and accomplishes projects for all kind of NPP D&D activities. Today Hans-Otto Rohwer is working as PMI (Project Management Institute) certified Project Director in this company.



MAJOR NUCLEAR PROJECTS AND HOW TO ENFORCE THEM

- PREPARATION OF MAJOR PROJECTS IN POWER SECTOR NUCLEAR PROJECTS AND THEIR ESSENTIAL ATTRIBUTES
- COMMUNICATION AS ONE OF THE MAIN BUILDING STONES TO PREPARE NEW PROJECTS AND IMPLEMENTATION OF INNOVATIVE SOLUTIONS



**Petr VYMAZAL** Managing Director AMEC s.r.o., Brno, Czech Republic

# EIA NOTIFICATION OF BOHUNICE NEW NUCLEAR BUILD

He is a graduate in Thermal and Nuclear Facilities from Brno University of Technology. He is active in power sector since 1990. He worked for 6 years as an operator at Dukovany Nuclear Power Plant (NPP). From 1996—1999 he prepared a revision of the safety report of the first Periodic Safety Review (PSR). He participated in the preparation of licensing of a new I&C System, new types of nuclear fuels and the plant power uprate. Since 2008 he has been active in the British company AMEC. He has experiences with the preparation of the modification and safety assessments of nuclear facilities in the United Kingdom and Romania. Since 2010, he has been the managing director of AMEC s.r.o. in the Czech Republic, which is focused on environmental and safety assessment of energy and industrial facilities. He directed the AMEC implementation of the EIA process for Temelin New Build including cross-border negotiations. He has been taking part in evaluation of the updated State Energy Plan of the Czech Republic (SEA process). He also was responsible for delivery of number environmental and safety assessments for nuclear facilities in the Czech Republic and the Slovak Republic. He is the director of the AMEC project team for delivery of EIA for Jaslovské Bohunice New Build.



**Thomas RITTER** Senior Nuclear Market Manager Eastern Europe, Technetics Group LLC

# ENGINEERED SOLUTIONS – FROM LABORATORY TO TRUSTED GLOBAL NUCLEAR INDUSTRY ADVISOR – SKILLFULNESS AND COMMUNICATION

Thomas Ritter is a mechanical toolmaker, graduated in mechanical engineering in precision metrology at the technical university of Leipzig in 1988. He started his "nuclear seal life" in 1993 at a Connecticut based company named Advanced Products, the original designer of the nuclear reactor pressure vessel seals. In the 1990-ies he actively worked on several TACIS projects, established by the EC. He moved in year 2003 to the organization which today is named Technetics Group LLC, a global player in sealing technology for demanding environments, well-respected and most experienced sealing solution provider to the global nuclear power generating and other industries. All the time since, he has been proactive in the global NSSS / NPP market, supporting the commercial nuclear power generating industry in designing, specifying, qualifying and implementing of nuclear safety related performance sealing solutions into the today new designed and build nuclear power plants such as AP1000, APR1400, EPR, ABWR, ESBWR. Since 2012 he works actively in supporting nuclear energy systems in Central and Eastern Europe.



Marie DUFKOVÁ Senior Consultant, Communication Unit, ČEZ, a.s., Prague

SUCCESSFUL COMMUNICATION IN THE PROCESS OF IMPLEMENTATION OF NUCLEAR PROJECTS IS NOT ONLY BASED ON STANDARD PR TOOLS; THE BIG ATTENTION MUST BE GIVEN TO WORK WITH YOUNGSTERS AND OWN EMPLOYEE

Graduated from the Czech Technical University of Prague, Faculty of Nuclear Science and Physical Engineering. Her career in communication she commenced in 1979 as a Head of Information Dept. of Nuclear Information Centre Prague, responsible for processing and evaluation of scientific information for the INIS (International Nuclear Information System) input data preparation and information retrieval. In the year 1993she joined ČEZ company, where she works till now (with a short break in 1999, when she worked as a Project Manager of the European Union Information Centre to the Czech Republic). She worked in number of managerial position as Head of Information Programs Dept., Deputy Head of Communication and spokesperson. Currently as a Public Relations Senior Specialist she is responsible for the strategy and implementation of the long-term information and educational programs for public, as well as for the promotion and popularization of power industry (design and preparation of printed and audio-visual materials, exhibitions, seminars, coordination of NPP Information Centers etc.). Marie is a lecturer of IAEA for nuclear communication, member of the Czech Nuclear Society, represents the Czech Republic in the Nuclear Information Committee Europe, and is a founder of WiN Czech (Women in Nuclear).

Juraj ROVNÝ Manager of fuel Cycle and Radioactive Waste, Enel – Slovenské elektrárne, a.s., Bratislava



Mr. Juraj Rovný graduated from the Czech Technical University in Prague where he had gained a Master degree in the theory and techniques of nuclear reactors at the Faculty of nuclear sciences and physical engineering. He made part of his studies at the Royal institute of Technology in Stockholm and took his second degree in industrial management at the University in Leuven (Belgium). Mr. Rovný worked shortly as a researcher for Framatome ANP in Germany and Nuclear Research Institute in Řež (Czech Republic). In 2005 he joined the Nuclear regulatory authority of the Slovak Republic (UJD SR) where he worked as a Director of nuclear safety division. Since 2012 he works as nuclear fuel cycle and radioactive waste manager in Slovenske elektrarne – ENEL. He is involved mainly in the nuclear fuel cycle and development of the company strategy in the area of nuclear energy back. He is also responsible for the communication with governmental institutions and participation in the development of legislation in this area.



Maroš HAVRAN Director of Corporate Affairs, Ludovika Energy, s.r.o., Banská Bystrica

WHAT OBSTRUCTS THE SUCCESS IN ENFORCEMENT OF NEW PROJECTS – WORKING WITH THE PUBLIC MUST BREAK THROUGH IGNORANCE, DISTRUST AND NIMBY EFFECT

Maroš Havran graduated at the Faculty of Political Sciences and International affairs at Banská Bystrica Matej Belo University, in the field of international relations and diplomacy. As a journalist, he worked news teams of radio TWIST and TV Markíza, where he focused on economic issues. However, prior to working with the company Ludovika Energy Ltd., he worked as advisor to the Minister of Economy and spokesman for the Ministry of Economy. As director of corporate affairs he is responsible for communication with state authorities, municipalities and for corporate policy.

At the end of the Wednesday's program a ceremony took place during which the ENKO award for the life time contribution to the field of energy was handed over to **Ján IVANIČ**, whose lifelong career is connected with development of Energy I&C solutions.

The official ceremony was held in the presence of Ján PETROVIČ, General Director, Department of Energy, Ministry of Economy of the Slovak Republic, and representatives of main partners Henrich KREJČÍ (SPP) a Michal KAČENA (AREVA).













Ján Ivanič graduated from Faculty of Electrical Engineering at Slovak Technical University in Bratislava, Department of Power Electrical Engineering – Automation and Control.

Having graduated in 1964 he started to work for ZPA Prague, where he began working as a test engineer at Bohunice NPP A-1. During his work at the nuclear power he gained valuable experience and professionally grew. In 1972 he took up responsibility as a head of the instrumentation and control works at Mashad power plant in Iran. From 1975 to 1976 he applied his experience as a site manager for I&C at Petrochemical complex SR in Slovnaft Bratislava. For his contribution to successful completion of the project he was granted "State Award for Excellent Work". Having completed the project successfully he took over responsibility of a chief engineer of the project in NPP V-2 Bohunice, where he worked until 1987. In the following years he was authorised by Elektromont Bratislava k.p. to manage construction works at Mochovce NPP as a director of building company for the I&C and electrics. After establishing the state enterprise PPA Bratislava he was

a deputy for technical and sales department, where he was in charge of design work, business activities and coordinating cooperation with the foreign suppliers to Mochovce NPP.

When PPA ENERGO s.r.o. was formed Ján Ivanič became its executive director. He remained in his post until 31st December 2008. During his mission he oversaw successful completion of V1 and V2 at Mochovce NPP and completion of reconstruction and modernisation processes at Bohunice NPP. Under his leadership the company successfully finalised many significant contracts in the territory of the Slovak Republic as well as abroad and become an important partner of Slovak and foreign companies operating in the field of power engineering. Ján Ivanič was a member of Board of Directors of PPA CONTROLL a.s. in years 2002—2009.

From 2008 to 2014 he made good use of his professional knowledge as well as his lifelong experience as a consultant during implementing and completing works at V3 and V4 of Mochovce NPP.



Afterwards the festive social evening was held in premises of Palffy Palace



CHALLENGES OF THE CENTRAL EUROPEAN ELECTRICITY SUPPLY AND TRADE

- LOCAL PROTECTIVE SOLUTIONS
  OR COMPREHESIVE REGIONAL
  SOLUTIONS FOR THE CENTRAL
  EUROPEAN TRANSMISSION CORRIDOR
  FOR ELECTRICITY?
- HOW DO TRADE MECHANISMS AND TOOLS SERVE TO MEET THE CHALLENGES ACROSS THE COUNTRIES?



Libor BRIŠKA Finance Division Director, acting Director General, SPP (Slovak Gas Comp., plc.), Bratislava

### NEW SPP STRUCTURE DERIVED FROM OWNER CHANGE

He graduated from the Faculty of Mechanical Engineering of the Slovak University of Technology in Bratislava in 1993 and had already started working in the field of finance during his studies. He gradually held various positions in companies such as Bratislava Option Exchange, Creditanstalt Securities and J&T Finance Group. He joined the company Slovenský plynárenský priemysel, a.s. (SPP) in December 1998. His career in gas industry started in the position of Director of the Finance Section and from July 2001 to April 2011 he was the Director of the Economy and Finance Division. Since May 2011 he has been running the newly-created Finance Division, which in addition to original activities covers also activities in the field of human resources and information technology. From 1999 through 2002 he was a Member of the Board of Directors in a subsidiary NAFTA a.s., and between 2001 and 2002 he was a Member of the Board of Directors of SPP. Since 2003 he has also held the position of the Chairman of the Board of Directors in PROBUGAS a.s. Since 2013 he is a Member of the Supervisory Board of SPP Infrastructure, a.s.



Andrej PUKAČ SEPS-SED, Žilina

### e-GCC - GRID CONTROL COOPERATION OF NEIGHBORING STATES

He graduated in 1992 EF TU Košice. He is active in the power industry since 1992. Since 1993 until now, he is working at SEPS dispatch center in different job positions. Since 2005 he is in expert position. He is focusing on the issue of support services and regulation of the national power grid system.



**Tomáš BEDNÁŘ** Specialist of Energy Markets Development Department, ČEPS, a.s. (Czech Transmission Grid Operator), Prague

# WHERE WILL MOVE THE CROSS-BORDER COOPERATION AMONG OF THE TRANSMISSION SYSTEM OPERATORS IN THE AREA OF ANCILLARY SERVICES AND BALANCING ENERGY?

In 2009, after finishing his studies at the University of West Bohemia in Pilsen, power engineering, Tomáš has joined ČEPS. He became a member of the Energy markets development department where he is focused on ancillary services and balancing energy. His main responsibility is planning and realization of international projects with cross-border exchange of balancing energy. He was acting as a deputy of the project manager in IGCC and e-GCC projects (international cooperation between transmission system operators to maintain balance in real-time) and now he is responsible for operation and development of these projects. Tomáš also represents ČEPS in the ENTSO-E drafting team (European Network of Energy Transmission System Operators for electricity) for the network code on Electricity Balancing.



**James ATKINS** Chairman, Vertis Environmental Finance Ltd., Budapest

### EU EMISSION TRADE SYSTEM - CAN IT BE FIXED?

James founded the forerunner of Vertis in 1998 and then in 2001, jointly with Paul Bodnar, launched Vertis as a carbon finance and emissions trading business. Under his guidance, Vertis has pioneered emissions trading in Central and Eastern Europe. Previously, James was a manager in the corporate finance group at Deloitte & Touche Central Europe and worked for Arthur Andersen and Waste Management International PLC in the UK and Germany. He graduated from Cambridge University with a degree in Modern Languages and is a UK Chartered Accountant. He is also the author of Climate Change for Football Fans, a humorous but serious book on climate change policy, and a related blog, The Bustard.



**Petr SVOBODA** Senior Consultant, UNICORN Systems, Prague

# TSC CTDS - COMPLEX REGIONAL SECURITY SOLUTIONS FOR ENERGY INFRASTRUCTURE IN CENTRAL EUROPE

Petr Svoboda is a skilled business architect, responsible for analysis and design of information systems covering given business issues and solutions reflecting the customers' needs. He has been working for Unicorn since 2001, at first as a developer, responsible for Java / Oracle coding. Then he was promoted to the team leader / software architect, responsible for leading development teams from both organizational and technical point of view. Finally, he has proceeded to the analytical positions, which he is doing and enjoying still. His strengths include extensive experience from number of business domains, ability to bridge the gap between business and IT due to the technical knowledge, excellent communication skills, high resistance to stress, team work, fluent communication in English (both orally and written).

He specialize on the power energy, mainly on the exchange of information between TSOs, data formats, integration issues, control systems, grid security and network models. He has also experiences in other business domains, i.e. telecommunications, banking and insurance.



NATIONAL GRIDS CONNECTED TO EUINTEGRAL ENERGY GRID

- PRONS AND CONS, RISK IDENTIFIED FROM CONNECTIONS
- TSO AND DSO IN INTERCONNECTED MARKET
- WILL BE RECURRING BLACK OUT OUR NORMAL FUTURE?
- MAIN TASK OF SUPPORT SERVICES FOR GRID CONTROL, CHALLENGE AND OPEN ISSUES FOR THEIR PROVIDERS



Jaroslav MARTINČEK Department of Support Service Preparation, Slovak Electricity Transmission System Inc, SED Žilina – SED Žilina – SEPS Inc. – International cooperation

# FROM ONE BLACK OUT TO OTHER ONE - POSITIVE AND NEGATIVE/RISK FEATURES OF EU GRIDS, HOW WE CAN DEFEND OUR INFRASTRUCTURE AGAINST DARKNESS

He completed his engineering studies at the Faculty of Electrical Engineering and Computer Science at the Technical University in Kosice. On the SEPS dispatch center in Žilina, he is working since 1996 in the field of support services. As part of his work activities he represents SEPS in the ENTSO-E Steering Committee RGCE and SOC.



# WHAT'S GOING ON DURING BLACK OUT IN DISTRIBUTION SYSTEMS - HOT ISSUES OF DISTRIBUTION COMPANIES TO OPERATE THEIR SYSTEMS

**Petr SKALICKÝ** Head of Control Center HV(RC VVN), Západoslovenská distribučná, a.s.

Head of Control Center HV(RC VVN) in the distribution system operator 110kV – Západoslovenská distribučná, a.s., responsible for Western region in Slovakia. He graduated from Military academy, the Faculty to the Polytechnics in Liptovsky Mikulas. He works in the power industry since year 1990 – mainly in the area of dispatching management. He is a member of the Supervisory Board of Západoslovenská distribučná, a.s.

**Pavol PEKÁR** Director of the Section in the Central Dispatching PDS Energy – Distribution

He graduated in 2002 the Faculty of Electrical Engineering, Department of Electrical Power Engineering at the University of Žilina. Since 2001 to March 2002 he was head of Maintenance and repair of large transformers in the Stredoslovenska energetika, a.s. He managed the department of maintenance of transformers HV / MV and troubleshooting for these transformers. Since March 2002 until now is the director of the Section in the Central Dispatching PDS Energy - Distribution, Inc. He manages and organizes activities associated with the preparation, management and evaluation of operation of the distribution system.

**Norbert HLINKA** Head of Dept. dispatch center of electricity distribution, Východoslovenská distribučná, a.s. Košice

In 1994, he received a master's degree at the Faculty of Electrical Engineering and Computer Science in Kosice, in the field of Power Electrical Engineering. After graduating, he joined the East Slovakian Steelworks in Kosice. Since 1995 he has worked in a joint stock company (VSE, a.s.), which gradually changed the organizational structure and is currently an employee of VSD. Almost the entire working life, he is devoted to management of distribution system, and now he runs the dispatching of the distribution system in eastern Slovakia.



Slavomír ZAVACKÝ Head of Grid Control Center Section, Východoslovenská distribučná, a.s., Košice

TEST OF THE "START-UP FROM DARKNESS" – PASSING THE VOLTAGE THROUGH THE LINES OF VSD, a.s. TO POWER STATION TEKO, a.s.

He graduated from the Faculty of Mechanical Engineering of the Slovak University of Technology in Bratislava in 1993 and had already started working in the field of finance during his studies. He gradually held various positions in companies such as Bratislava Option Exchange, Creditanstalt Securities and J&T Finance Group. He joined the company Slovenský plynárenský priemysel, a.s. (SPP) in December 1998. His career in gas industry started in the position of Director of the Finance Section and from July 2001 to April 2011 he was the Director of the Economy and Finance Division. Since May 2011 he has been running the newly-created Finance Division, which in addition to original activities covers also activities in the field of human resources and information technology. From 1999 through 2002 he was a Member of the Board of Directors in a subsidiary NAFTA a.s., and between 2001 and 2002 he was a Member of the Board of Directors of SPP. Since 2003 he has also held the position of the Chairman of the Board of Directors in PROBUGAS a.s. Since 2013 he is a Member of the Supervisory Board of SPP Infrastructure, a.s.



**Jaroslav KUBINEC** Executive Director of Trade (Slovenská elektrizačná prenosová sústava, a. s.)

TODAY SITUATION IN TRANSMISSION GRID OPERATOR, AND OUTLOOK TO 2015 – TSO POINT OF VIEW TO SECURE REGULATION POTENTIAL FOR NATIONAL GRID CONTROL

Graduated in 1991 from the Technical University in Košice with a degree in Electricity generation and electric power transmission. In 1993, he joined Slovenský energetický podnik ("SEP"), later transformed into the Slovenské elektrárne, š.p. and after the process of unbundling joined Slovenská elektrizačná prenosová sústava, a.s. – Slovak TSO. His professional career started at the National Energy Dispatch Centre where he was responsible for network calculation and planning and crossborder capacity allocation. Since 2004 he has been working at Commerce Section of SEPS. First he was on behalf of Slovak side the leader of the Project SK CZ Market Coupling and then, after the project was extended of the trading zone of HU, he was on behalf of SEPS also nominated its leader. He was also responsible for preparatory works leading to the setting-up of the OKTE – Slovak market operator.



### SUPPORT SERVICES - OUR EVERYDAY BREAD- PROVIDER POINT OF VIEW TO DAILY SUPPORT SERVICE ISSUES

**Silvia BEŇOVÁ** Energy trading, CMEPS Slovnaft, s. r. o.

She graduated from the University of Economics in Bratislava. After graduating in 2001 she worked at the Office for Network Industries. She participated on the setting of the regulatory framework for Electricity and Gas and coordinate World Bank projects. Since 2006 she worked in SLOVNAFT and its subsidiary CM European Power Slovakia, sro. She had responsibility for the management of external trade relations, including regulation.

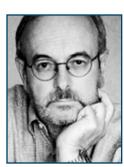
**Ján CHRIEN** Energy Trading – SLOVINTEGRA Energy, s.r.o.

In 1987, he earned a master's degree at the Technical University in Kosice, Faculty of Electrical Engineering, Department of Technical Cybernetics. From 1987 to 2007 he worked in the Nuclear Power Plant Mochovce as I&C technician, Network Administrator and Head of dept. for Measurement & technology computer systems. In 2007, he served as group leader for drawing up the initial project measurement and control 3 and 4 of the nuclear power plant. From November 2007 to the present He works in Slovintegra as Energy Specialist for trade and traffic. She is the control system of gas turbines Rolls- Royce and maintenance of gas turbines. He is responsible for setting of electricity production with a view to minimize gas consumption and maximize revenue for electricity production and support services. Participates in the preparation of a daily traffic and trade in electricity. He monitors selected technological parameters of plants and their effect on the efficiency of electricity and heat, he performs analysis and optimization of the production and those results implements in practice.



Ľuboš TOMÍK Congress Chairman, CESys s.r.o.

Director of consulting company CESys Ltd. working in the field of energy. After graduating ČVUT, Faculty of Engineering with specialization on nuclear energy he worked in SE, a.s. During establishing of Nuclear Regulatory Authority of the Slovak Republic he worked in the field of probabilistic safety assessment. He gained experience in abroad in number of industry and energy companies. During last years he worked as manager in foreign IT companies solving the opening and deregulation of Slovak energy market. During the period of 2002 – 6 he was managing director of CENS (Centre for Nuclear Safety), international company working on the region of Central and Eastern Europe. Regarding the SE, a.s., privatization he is author and co-author of various studies performing energy market scenario modeling, i.e. Feasibility Study on NPP Mochovce 3 and 4 Completion for Ministry of Economy of the Slovak Republic.



Jiří MAREK Congress Vice-Chairman, JMM consulting

He is the consultant in the field of power industry and is the Executive Head of JMM Consulting, Ltd. – a company focused on advisory services and organization of professional activities. After graduating from the Czech Technical University, Faculty of Technical and Nuclear Physics, he worked in research; he has been working in the power industry field since 1974 (until 1996 in ČEZ). For the last eighteen years, he was the advisor of the Minister of Industry and Trade, Chairman and Vice-Chairman of the Supervisory Board of ČEZ, a member of supervisory boards in several energy distribution companies, and an advisor of Deputy Ministers of Finance. In these positions, he was dealing with the reorganization of state administration in power industry, the development of state energy policy, the establishment of the State Office for Nuclear Safety and with the preparation of the privatization of Czech power industry. He is occupied by publication activities, mainly in the field of nuclear power industry and has wide experience in organizing of international and specialized professional conferences and meetings. His positions are quoted on TV, radio and in economic periodicals.



Konstantin JACOBY Managing Director and Senior Consultant, EEE JacobyKo s.r.o., Bratislava

Konstantin Jacoby was graduated in mathematics and computer science at the University of Munich where he got also the PhD degree in applied mathematics. He started his professional career 1984 as assistant lecturer at the University of Munich, and 1987 he joined Siemens R&D Centre in Munich from where he moved 1995 to Siemens Power Generation Group (the former KWU), where he was for several years responsible for personnel training for nuclear and fossil fired power plants world-wide and for the company's NPP emergency response centre in Germany. After the process of merger and consolidation of the German and French NPP manufacturers he is in the position of Regional Director Marketing of the AREVA NP GmbH, 2003—2006 for Russia, since 2007 for CR & SR, since 2009 in the position of project manager in Ukraine, where he managed the sales for AREVA NP business group of reactor services. In 2012 he founded his own company in Bratislava (EEE JacobyKo Ltd.) aimed at providing independent technical-institutional advice and support services for energy systems and industry of Central and Eastern Europe.



František PECHO moderator, Director of Slovak Dispatch Centre, SEPS plc. (Slovak Transmission Grid Operator), Bratislava

After graduating the Slovak University of Technology, Faculty of Electrical Engineering he started to work in SEP, š.p., later in ZSE, a.s. and SE, a.s. Since 1991 he was preparing the project Datagyr C500 – the system for long-distance data collection from electrometers. After system completion he managed its operation. He worked also in international committees and took part on connecting of Slovak transmission grid to European grid. After the institutionalizing of the transmission grid operator (SEPS Company) in 2001 he worked on position of managing director for investments, later for IT and telecommunications; he managed a Slovak dispatch centre and operation; at the same time he was Member of the Board of Directors. He took part on all important Company projects from the beginning till October 2006. Leaving the SEPS Company, he provided consultancy services in OKOnet, a.s. From 2007 he worked as production manager at energy company Liv Elektra, Inc. and as a Member of Board of Bioenergetická spoločnost, Inc., which dealt with the building of RES. In 2010 he was director of development at ALTERENERGO Inc., company building the renewable energy sources. Since November 2010 working again in SEPS as managing director for Slovak Energy Dispatch Centre.

















































Zámocká Street Pálffy Palace

Then we are talking about Zámocká Street, we shouldn't forget that up to now there is a torso of the Pálffy Palace summer wing still having significant artistic, historical and archi-tectonical values.

According to available historical sources the Pálffy Palace in the extramural settlement was built in time of Bratislava castle reconstruction, which was decided on the basis of a special act in 1635 by the Ugrian Concilium. This enables to Pavol Pálffy, a leader of the castle reconstruction, to build a large palace on the so called Schlosgrund. In order to assure a better building material supply to the building site, he opened a service road, which became later Zámocká Street. This street was then settled by Jewish settlers coming to the town from former manors of Mikuláš Pálffy.

In 1870 the town based on the deed of donation became the owner of the Palace and built up here artillery casern, orphanage and social flats for poor people. After 1900 the Palace complex was gradually cleansed and on its place a college on Svoradova Street and a contemporary primary school Palisády were built. In 1985 the preserved part of the Palace – the summer wing – was placed on the register of listed buildings.

(Young Wolfgang Amadeus Mozart during his visit of Bratislava had a concert exactly in Pálffy Palace under the castle hill and not at Ventúrska Street, like a memorial plaque is incorrectly informing.)

source: http://www.bratislavskenoviny.sk/najnovsie-spravy-z-bratislavy/obnova-mesta/podari-sa-zachranit-torzo-palffyho-palaca.html?page\_id=12879)

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