

'Electricity Market Integration 2.0' in Central and South East Europe

2nd Central and South East Europe Energy Policy Forum

Budapest, May 30, 2017

SPEAKERS:

Jean-Michel Glachant

Director of the Florence School of Regulation



Jean-Michel Glachant took his PhD in economics at La Sorbonne in France. He worked in the industry and private sector before becoming professor at La Sorbonne. He has been advisor of DG TREN, DG COMP and DG RESEARCH at the European Commission and of the French Energy Regulatory Commission (CRE). He has been coordinator and scientific advisor of several European research projects. Jean-Michel Glachant is editor-in-chief of EEEP: Economics of Energy and Environmental Policy (an IAEE journal) and a member of the Council of the International Association for Energy Economics. Since 2008 he is the Director of the Florence School of Regulation at the Schuman Center for Advanced Studies in Florence.

Research interests:

- European energy policy (security of supply, renewable energy, energy efficiency, energy technology policy, and climate change policy)
- European energy internal market (design, regulation and competition policy)
- Industrial organisation and market strategy of energy companies.

Dieter Helm

Professor, University of Oxford



Professor Dieter Helm is an economist specialising in utilities, infrastructure, regulation and the environment, and concentrating on the energy, water, communications and transport sectors primarily in Britain and Europe. He is a Professor at the University of Oxford, Fellow of New College, Oxford, and a Professorial Research Fellow of the Smith School of Enterprise and the Environment. In December 2015, Dieter was reappointed as Independent Chair of the Natural Capital Committee. Dieter's recent books include *The Carbon crunch: Revised and Updated* – and *Natural Capital: Valuing the Planet*. Yale University Press published both books in 2015. *Nature in the Balance*, edited with Cameron Hepburn, was published in early 2014 by Oxford University Press. During 2011, Dieter assisted the European Commission in preparing the Energy Roadmap 2050, serving both as a special advisor to the European Commissioner for Energy and as Chairman of the Ad Hoc Advisory Group on the Roadmap. He also assisted the Polish government in their presidency of the European Union Council. Previous appointments include: membership of the DTI's Sustainable Energy Policy Advisory Board from 2002 to 2007, the Prime Minister's Council of Science and Technology from 2004 to 2007, Chairman of the Academic Panel, Department for Environment, Food and Rural Affairs until 2012; and the DTI's Energy Advisory Panel from 1993 to 2003.

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Michael Hogan

Senior Advisor, RAP



Mr. Hogan is Senior Advisor to RAP on power industry decarbonization in Europe and the US, in particular wholesale market design, demand response, and system integration of renewables. Previously he was in The Hague directing the European Climate Foundation's power program, where he initiated and led ECF's "Roadmap 2050" project. He began his career in 1980 with GE marketing large power systems in the US, the Middle East and Latin America. Beginning in 1988, he helped build J. Makowski Co. in Boston into a leading private power developer. After selling the company in 1994, he and other JMC executives founded InterGen. From 1994 to 2001 he led InterGen's regional business unit in London, successfully developing, financing, building and operating over 8,000MW of greenfield power plants across the U.K., the Netherlands, India, Egypt and Turkey. In 2001 he returned to Boston to lead the restructuring of InterGen's 3,700MW US business, after which he joined Centrica affiliate Direct Energy in Toronto as head of its upstream gas and power business. He earned an MBA from Harvard, an ScM from MIT in Energy Policy, and a BA in Philosophy and a BS in Aerospace Engineering from the University of Notre Dame.

Luděk Horn

Director Trading, ČEZ, a. s



Luděk Horn was born on August 29th, 1961. He studied the construction and design of steam turbines at the Czech Technical University in Prague. He graduated in the year 1985.

Since 1991 till 1997 he worked as the technical director of ŠKODA, Energetika, s.r.o. This company operated a power and heating plant in Pilsen. Later the company was acquired by the American utility company CINERGY and changed its name to Plzeňská energetika s.r.o. He worked there in various management positions, eventually as the sales director.

In 2001 he joined ČEZ, a. s. and since 2005 he has been working as Head Front Office in the Trading Department and is responsible for all wholesale trading transactions with electricity, natural gas, hard coal, crude oil and emission allowances in all European countries where ČEZ operates. In 2016 he became a director of the Trading Department. Since 2008 he chairs a task force for Central and East Europe – Electricity in European Federation of Energy Traders (EFET). In 2016 he became an EFET Board member.

András Hujber



Policy Officer, DG Energy, Wholesale Markets Unit; Electricity & Gas, European Commission

András majored in Economics on the University of Economics and Business Administration in 1999.

1999-2001 he worked with the Vienna branch of PVM Oil Associates, an energy brokerage and consulting company, advising clients on different aspects of energy price risk management.

2001-2007 he worked for E-Control, the Austrian electricity and gas market regulator, as a senior market analyst dealing with wholesale and final customer markets and designing balancing market rules. While with E-Control he worked as a seconded expert on DG Competition's Energy Sector Inquiry from 2005 till 2006.

Early 2008 he moved permanently to Brussels to work for the European Commission. He has been with DG ENERGY's wholesale energy market unit and deals with energy market integration issues. András was actively involved in the development of the Commission's electricity market design initiative.

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Beatrix Andrea Kadar



Deputy State Secretary for Energy Affairs, Hungary

Ms. Beatrix Andrea Kadar graduated as a biochemical engineer and chemical technical engineer from the Budapest University of Technology. Ms Kadar has been appointed as Deputy State Secretary for Energy Affairs at the Ministry of National Development in July, 2014.

Professional career:

2014	Ministry of National Development, Deputy State Secretary for Energy Affairs
2012-2014	Prime Minister's Office, Deputy State Secretary
2010-2012	Permanent Representation of Hungary to the European Union (Brussels), counsellor
2003	Joined Ministry of Foreign Affairs of Hungary

Péter Kaderják



Director, REKK

Péter Kaderják is the Director of the Regional Centre for Energy Policy Research at the Corvinus University of Budapest. He received his MSc in economics from the Budapest University of Economic Sciences in 1987. In 1998 he was appointed as Chief of Cabinet of the Minister of Economic Affairs and started to work on the liberalisation of the electricity and gas sectors in Hungary. In January 2000 he became the President of the Hungarian Energy Office, the national energy regulator. Between 2000 and 2004 he also served as the Chairman of the Energy Regulators Regional Association (ERRA), an association of energy regulatory institutions of countries from Central and Eastern Europe, the CIS and South East Europe. Since 2004 he has been serving as Training Director for ERRA's in-house energy regulatory trainings. He is also directing a postgraduate program in Energy Economics at Corvinus University since 2010. He is research partner in the "European Energy Institute" at University of Leuven and a regular lecturer at the Florence School of Regulation. He has directed several recent research efforts with regional relevance. In 2011 he was appointed as alternate member of ACER's (Agency for the Cooperation of Energy Regulators) Board of Appeal.

Nektaria Karakatsani



Member of the Board, RAE

Nektaria Karakatsani is a member of the Board of the Greek energy regulator (RAE) and an alternate member at the ACER Board of Regulators. She holds a PhD in Energy Economics from London Business School and an MSc from Oxford University. She has worked as an energy consultant in the British market and an advisor on regulatory reforms for UK institutions. Her work has mainly focused on the econometric modelling of electricity prices in the context of risk management and on the impact assessment of regulatory changes. She has also worked on the interaction between electricity and gas markets and on behavioural finance issues, including the impact of sentiment indicators on stock returns. She joined RAE in 2008 as a specialized market analyst, developing market monitoring tools and market codes.

She has published her research in influential journals, including Energy Economics, Journal of Forecasting, Oxford Handbook of Economic Forecasting and Journal of Non-linear Dynamics and Econometrics. She has been teaching forecasting, business statistics and econometrics at LBS, LSE and City University.



Attila Nyikos



Vice President for International Affairs, the Hungarian Energy and Public Utility Regulatory Authority

July 2013 Vice-President for International Affairs of the Hungarian Energy and Public Utility Regulatory Authority
2010 – 2013 National Directorate General for Disaster Management under the Ministry of the Interior, Head of International and Legal Department, later Head of Department for International Affairs
2002 – 2010 Attorney-at-law
1998-2002 Permanent Representation of Hungary to the United Nations in Geneva, Second Secretary
1994-1998 Ministry of Foreign Affairs as an International lawyer

Mart Ots



President, Competition Authority, EE

Märt Ots has been the head of the Estonian Competition Authority since 2008. Previously he has worked for the Ministry of Industry and Energetics, State Energy Board as Deputy Director General, Ministry of Economic Affairs and Head of Energy Department AEA Technology PHARE project "Energy planning for local governments" manager in Estonia, Ministry of Economic Affairs as Deputy Head of Energy Department and the Energy Market Inspectorate as Director General. In 2014, Märt Ots was elected as vice chairman of the Energy Regulators Regional Association (ERRA). In 2016 he was elected as Chairman of the ERRA for a two-year term. Märt Ots has graduated from Tallinn Technical University (thermal engineering) in 1991 and obtained Master's degree of technology in 2002. Since 2016 Mr Ots has a doctoral degree in energy economics.

Victoria Popovska

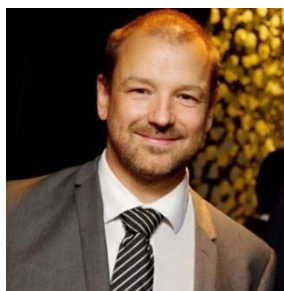


Head of Electricity Market Operator (ESO), Bulgaria

Viktoria Popovska obtained her Master's degree in Organization of Material and Technical Supply in 1995 and Master's degree in Finance and Bank Management in 1998. Eight years she worked for the National Electric Company in department Trade and procurement of Equipment for HV Grid. From 2003 she is a Head of the new established Market Administration Department. After restructuring and unbundling of the National Electric Company in 2007, she was involved in the enlarged market activities performed by the Bulgarian Electricity System Operator (ESO). Currently she is a Head of the Electricity Market Department in ESO. As from 2009 she is a delegate member of ESO in the Market Committee of ENTSO-E and from 2014 is a member of the South East Europe Regional Group. She is observer in MRC JSC and closely involved in the Market Coupling initiatives of ESO together with the Bulgarian PX.



Laurent Schmitt



Secretary-General, ENTSO-E

Laurent Schmitt is ENTSO-E's Secretary General since January 2017. Before joining ENTSO-E, he was Global Smart Grid Strategy Leader at General Electric Grid Solutions. Laurent worked in Europe, the United States and Asia, first on power generation then on transmission and distribution specialising in smart grids solutions. Laurent is a member of strategic committees in CIGRE, IEC, EPRI and European Smart Cities Platform. He took part in expert task forces of the IEA and the European Commission. Laurent is a French national. He graduated in Power System Engineering from Supélec in Paris and holds an Executive MBA from INSEAD, France.

László Szabó



Senior research associate, REKK

László Szabó is a Senior Researcher at the Regional Centre for Energy Policy Research (REKK, Hungary). He received PhD from the Corvinus University of Budapest in economics. After his studies, he held several positions in the Hungarian public administration: at the Ministry of Economic Affairs and also at the Hungarian Energy Office. Between 2002 and 2010 he was a researcher and scientific officer at the Institute for Prospective Technological Studies, DG JRC and European Commission, where he specialised in modelling energy intensive sectors and climate change related issues. He participated in several EU projects dealing with climate change mitigation and adaptation issues and also investigated energy efficiency measures, publishing the results in several peer-reviewed journals. Since 2010 his work at REKK focuses on various energy related topics, amongst them the regulation of renewable energy sources in Hungary and also in the wider region, energy economics of buildings, and analysing electricity market developments in the short and medium term with a regional context.

Zoltán Tihanyi



Deputy CEO for system operation and intersystem cooperation, MAVIR Hungarian Independent Transmission Operator Co.

Zoltán Tihanyi has been working in the electricity transmission system operation industry for more than 25 years, and since August, 2012 as deputy CEO.

He studied mechanical and then caloric engineering at the Technical University of Budapest. He participated in several IT projects at the TSO. The most important ones were the comprehensive modernisation of the SCADA/EMS of the Hungarian transmission grid, and the software systems for the electricity market opening. He was active in the establishment of the unbundled system operator (in 2000), and also in the preparation and updating of Grid Code and Commercial Code of Hungary. He was the representative of MAVIR in two R&D projects, run together with the Hungarian Meteorology Service.

In the framework of the Utility Partnership Program, financed by US AID, he participated in several courses and visited a dozen states in the US between 1993 and 1998. In 1998 he successfully completed a four weeks' management training in Yokohama, Japan, organised by AOTS (Association for Overseas Technical Scholarship).

He is active in international cooperation. During preparation for accession of the Hungarian Power System to UCPTE (1995-96), and later on he represented Hungary in different working groups of CENTREL. In 1999 he worked as a trainee at the Secretariat of EURELECTRIC in Brussels, in Domain 2 – Market Structure and Regulation. He was also member of EURELECTRIC working groups. At present, he is representative of MAVIR in the System Operation

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Committee of ENTSO-E, as well as in the Plenary of Regional Group Continental Europe. He also represents MAVIR in the Operational Board of TSC (TSO Security Cooperation – voluntary regional association of Central-European system operators) from 2014, and lately in the Steering Group of the Core Capacity Calculation Region.

Daivis Virbickas

President of Litgrid (LI)



The Member of the Management Board and CEO at Litgrid, the Lithuanian electricity transmission system operator; a member of the Assembly of the European Network of Transmission System Operators for Electricity, ENTSO-E; a member of the EC expert group on electricity interconnection targets; from 2013 to 2016 April he was a member of the Supervisory Board of LitPol Link sp. z o. o.; from 2013 to 2016 July — the Chairperson of the Management Board of LITGRID. Mr. Virbickas holds a Master degree of Science in Energy Systems Operations of Kaunas University of Technology. His extensive experience in developing and managing the transmission system strategies, electricity market and business management has served in his leading role in establishing the common Nordic and Baltic power market, and finalizing strategic power interconnection projects of national and European significance, LitPol Link and NordBalt. Before stepping on board of Litgrid in September 2013, Mr. Virbickas worked as the Business Director at the Baltic Business Unit of Alpiq AG, an international electricity trading company representing Swiss holding in the Baltic countries. 2008-2009 he was a member of the Supervisory Board of the Lithuanian energy holding company; 2010-2011 — the Chief Technical Officer and the Director of Power System Operation Department in the Lithuanian TSO; 2010-2013 — a member of Scientific Board at Lithuanian Energy Institute. Throughout his career Mr. Virbickas took active part in a few regional projects, was a member of System Control and System Development Committees of ENTSO-E, Secretary General of the association of the Baltic Transmission System Operators, BALTSO.

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