



**Energy Days  
2-3 October 2024  
the International Conference Centre in Katowice**

<b>2<sup>ND</sup> OCTOBER 2024</b>					
11.30-13.00	<b>Inaugural Session: Transformation of the Polish energy sector</b> Multifunctional room 1				
13.00-13.30	Break				
13.30-15.00	<b>Industry, energy, investments. PPA and the green energy market</b> Multifunctional room 1	<b>Offshore wind on the Baltic. Maintenance services in wind power generation</b> Conference room 1-2	<b>Polish industry for the new energy sector</b> Multifunctional room 3	<b>Energy storage facilities – the system, market, transformation</b> Conference room 8	<b>Photovoltaics in Poland – investments</b> Multifunctional room 2
15.00-15.30	Break				
15.30-17.00	<b>Solar energy – technologies. Energy storage facilities – technologies</b> Multifunctional room 2	<b>The energy market</b> Multifunctional room 1	<b>Onshore wind in Poland. Maintenance services in wind power generation</b> Conference room 1-2	<b>Biogas, biomethane, biomass</b> Conference room 8	<b>Nuclear energy</b> Multifunctional room 3
<b>3<sup>RD</sup> OCTOBER 2024</b>					
9.30-11.00	<b>The energy efficiency market</b> Conference room 1-2	<b>Hydrogen and hydrogen economy</b> Multifunctional room 1	<b>Grid infrastructure in the energy transformation</b> Multifunctional room 2	<b>Transformation of the energy sector of Śląsk and Zagłębie</b> Multifunctional room 3	<b>Digitalization of the energy sector</b> Conference room 8
11.00-11.30	Przerwa				
11.30-13.00	<b>E-mobility infrastructure</b> Multifunctional room 2	<b>Convective energy and coal-fired units</b> Multifunctional room 1	<b>Heating: transformation and investments</b> Conference room 1-2	<b>Energy for cities and municipalities</b> Multifunctional room 3	
13.00-13.30	Break				
13.30-15.00	<b>Human resources and competences for the new energy sector</b> Conference room 1-2	<b>Fuels for transformation</b> Multifunctional room 2	<b>Effective heating: technologies, services, market</b> Multifunctional room 1	<b>Energy self-sufficient local authorities</b> Multifunctional room 3	

All sessions will be interpreted simultaneously into [PL-EN].

2<sup>ND</sup> October 2024

2 October 2024 | 11:30AM-1:00PM | Multifunctional room 1 |  on-line transmission |  simultaneous interpreting  
PL|EN

### Inaugural session. Transformation of the Polish energy sector

The direction and pace of changes in the energy mix in Poland. The proportion and dynamics: conventional energy, gas-fired generation and renewable generation. The transitional market and regulatory pressures. Poland's largest energy producers – how do they face the challenges, what hinders them? Deficits in strategy and coordination – threats to investment. National energy security: balancing, system resilience, technical aspects. The role of conventional power generation. Degree of market concentration. Anticipated structural and fuel changes in power generation.

Opening

- **Wojciech Kuśpik**, CEO of the PTWP Group

The following persons have been invited to participate in the session (in alphabetical order):



- **Grzegorz Kinelski**, President of the Management Board, Enea SA
- **Grzegorz Lot**, President of the Management Board, TAURON Polska Energia SA
- **Dariusz Marzec**, President of the Management Board, PGE Polska Grupa Energetyczna SA
- **Grzegorz Onichimowski**, President of the Management Board, Polskie Sieci Elektroenergetyczne SA
- **Artur Osuchowski**, Board Member for Energy and Energy Transformation, ORLEN SA minister of Industry
- **Olga Sypuła**, Country Manager, European Energy Polska
- **Tomasz Zadroga**, Vice-President, Respect Energy Capital Group

Speech | 7'

- **Paweł Torbus**, Leader of Energy Insights in Poland, Local Partner, McKinsey & Company

Moderated by:

- **Adam Sierak**, Journalist, WNP.PL
- **Paweł Torbus**, Leader of Energy Insights in Poland, Local Partner, McKinsey & Company

2 October 2024 | 1:30PM-3:00PM | Multifunctional room 1 |  on-line transmission |  simultaneous interpreting  
PL|EN

### Industry, energy, investments

The situation of energy-intensive industries. Energy prices for industry in Poland and abroad. Industrial power generation in Poland. How is industry in Poland investing in its own generation (RES), in self-sufficiency and security? Technical feasibility, system constraints, guarantees of supply stability. The business prosumer – a flexible company in the energy market.

### PPA and the green energy market

PPAs/cPPAs in the transforming Polish energy market – an instrument to support decarbonization and the development of renewable energy sources. Polish and EU legislation. Poland's attractiveness as a cPPA market. Efficient investment support for large-scale renewables: the cPPA model versus an auction-based RES support scheme. Most commonly used cPPA clauses and models: on-site, direct line, physical and virtual agreements. Business motivations and market experiences of entities entering into cPPAs: price stability, risk minimization, flexibility, environmental, regulatory, image considerations. The role of the banking sector in financing RES investments and its influence on the form of PPAs. Local government units in the cPPA market.

The following persons have been invited to participate in the session (in alphabetical order):

- **Mikołaj Budzanowski**, Member of the Management Board, Innovation Director, Boryszew SA
- **Henryk Kaliś**, President of the Management Board, Chamber of Industrial Energy and Energy Recipients, Board Representative for Electricity Management Electricity Management, Zakłady Górniczo-Hutnicze 'Bolesław' SA, Chairman of the Board, Forum Odbiorców Energii Elektrycznej i Gazu
- **Sebastian Korbacz**, Business Development Manager, Enel X Polska
- **Carlos Kruszewski**, Country Manager, Greenvolt Next Polska
- **Paweł Makaruk**, Senior Origination Manager, Respect Energy
- **Rafał Malarowski**, Deputy Director, Fundacja RE-Source Poland Hub (PSEW)

Moderated by:

- **Piotr Myszor**, Journalist, WNP.pl

2 October 2024 | 1:30PM-3:00PM | Conference room 1-2 |  on-line transmission |  simultaneous interpreting  
PL|EN

### Offshore wind on the Baltic

2

The role of offshore wind energy in energy transformation. Industry development potential, implementation conditions, regulations, auction schedule, partnerships with foreign investors. When will electricity from Polish off-shore wind farms be fed into the grid? Project advancement, schedules, port infrastructure. Polish contribution to offshore wind energy. The real potential of local content. Knowledge, qualifications, training, know-how. General contracting, turbine suppliers, construction of connection infrastructure. Partnerships with foreign investors. Installation ports on the Polish coast.

#### **Maintenance services for wind power generation**

The demand for equipment and services in successive phases of investments in RES: preparation, construction, installation, utilization, maintenance, decommissioning. Maintenance of on-shore and off-shore equipment. Scope and standards, specifics and methods of servicing on-shore and off-shore installations. Manufacturing, transportation and assembly of masts. Maintenance services. Work ships for the construction and operation of off-shore wind farms. Connection to the electricity grid. Consulting services sector.

Presentation:

Offshore - it pays off! The cost of electricity in Poland under different scenarios for OWE development

- **Piotr Czopek**, Regulatory Director, Polish Wind Energy Association

The following persons have been invited to participate in the session (in alphabetical order):

- **Magdalena Czuba-Wąsowska**, Executive Vice-President for legal and corporate affairs, Baltic Industrial Group Ltd.
- **Katarzyna Kaźmierska**, Deputy Director, Development Department, PGE Baltica
- **Kacper Kostrzewa**, Project Director, Ocean Winds w Polsce
- **Arkadiusz Ratajczak**, Senior Associate, Baker McKenzie
- **Joanna Wis-Bielewicz**, Development Market Director, Ørsted Polska

Moderated by:

- **Piotr Czopek**, Director of Regulatory Affairs, Polish Wind Energy Association

**2 October 2024 | 3:30PM-5:00PM | Conference room 1-2 |  on-line transmission |  simultaneous interpreting PL|EN**  
**Onshore wind in Poland**

Onshore wind energy in Poland – Polish experiences. On-shore wind supply chain – Polish local components. Wiring, controllers, converters and other electronic and electrotechnical accessories.

#### **Maintenance services for wind power generation**

The demand for equipment and services in subsequent phases of investments in RES: preparation, construction, installation, utilization, maintenance, decommissioning. Maintenance of on-shore and off-shore equipment. Scope and standards, specifics and methods of servicing on-shore and off-shore installations. Manufacturing, transportation and assembly of masts. Maintenance services. Work ships for the construction and operation of off-shore wind farms. Connection to the electricity grid. Consulting services sector.

The following persons have been invited to participate in the session (in alphabetical order):

- **Jarosław Bogacz**, Independent Expert in the Energy Industry
- **Marta Głód**, Project Development Director, OX2 Poland
- **Maciej Grzesiewski**, Head of Mergers Acquisitions, ONDE SA
- **Sebastian Jasinowski**, Partner, Head of M&A Energy Team, Strategy & Transactions, EY Polska
- **Mateusz Lewandowski**, Acting Chief Investment Officer, TAURON Polska Energia SA
- **Olga Sypuła**, Country Manager, European Energy Polska

Moderated by:

- **Piotr Czopek**, Director of Regulatory Affairs, Polish Wind Energy Association

**2 October 2024 | 1:30PM-3:00PM | Multifunctional room 3 |  on-line transmission |  simultaneous interpreting**  
**PL|EN**

#### **Polish industry for the new energy sector**

Polish potential, competences, technologies, capacities, design companies, engineering service companies, equipment suppliers. Prospects for growth of local content in energy investments – especially in nuclear power. Dominance of imported technologies in PV investment – can this trend be reversed?

The following persons have been invited to participate in the session (in alphabetical order):

- **Tomasz Jankowiak**, Director of Nuclear Project Development, EDF Representative Office in Poland - Nuclear Energy
- **Maciej Kowalski**, Director of RES, Grodno SA
- **Bogdan Pilch**, Director General, Chamber of Commerce for Energy and Environmental Protection (IGEOS)
- **Krzysztof Sztymelski**, Assistant Professor, Department of Electrical Engineering and Computer Science, Silesian University of Technology
- **Maciej Wyczesany**, President of the Management Board, General Director, Apator SA

Moderated by:

- **Wojciech Żurawski**, Journalist, WNP.PL

**2 October 2024 | 1:30PM-3:00PM | Conference room 8 |  on-line transmission |  simultaneous interpreting PL|EN**  
**Energy storage facilities – system, market, transformation**

Energy storage as part of the energy transformation and its utilization in the energy market. The use of storage to increase self-consumption of energy produced from RES and operators to stabilize grid voltage. Condition and market development forecasts for electricity storage in Poland.

The following persons have been invited to participate in the session (in alphabetical order):

- **Barbara Adamska**, President of the Management Board, Polish Energy Storage Association
- **Piotr Biernacki**, Project Finance Manager, Sunly
- **Krzysztof Dresler**, Vice President of the Management Board, PKO BP
- **Sebastian Jasinowski**, Partner, Head of M&A Energy Team, Strategy & Transactions, EY Poland
- **Jan Kłoczko**, Deputy Director Commercial (Europe), Greenvolt Power
- **Maciej Mróz**, Vice-President of the Management Board for Operator, TAURON Dystrybucja SA
- **Grzegorz Onichimowski**, President of the Management Board, Polskie Sieci Elektroenergetyczne SA
- **Hubert Put**, Senior Consultant, Polish Market Expert, Department of Analytics, Montel

Moderated by:

- **Krzysztof Kochanowski**, Vice President of the Board, General Director, Polish Chamber of Energy Storage and Electromobility Association (PIME)

**2 October 2024 | 1:30PM-3:00AM | Multifunctional room 2 |  on-line transmission |  simultaneous interpreting**  
**PL|EN**

### Photovoltaics in Poland – investments



The achievements of recent years and the experience acquired. The direction of change: from a prosumer boom to large-scale solar power. Current project development conditions – from the perspective of the investor. Investment costs and their models. Location principles, environmental decisions, land availability. Connecting to the grid – regulatory, financial and technical issues. Direct lines and cable pooling. Industry investment in PV for energy self-sufficiency – technical and legal considerations. Constraints on the operation of photovoltaic farms and the profitability of investments.

The following persons have been invited to participate in the session (in alphabetical order):

- **Michał Bernhard**, COO, Projekt Solartechnik SA
- **Artur Kalicki**, President of the Management Board, TAURON Ekoenergia Sp. z o.o.
- **Paweł Konieczny**, Board Member, R.Power Development Sp. z o.o.
- **Marek Motyl**, Country Manager, Sunly, CEO, Sunly Polska
- **Grzegorz Wiśniewski**, President of the Management Board, EC BREC Institute for Renewable Energy Sp. z o.o.

Moderated by:

- **Tomasz Mleczak**, Partner, Deal Advisory, Corporate Finance, Grant Thornton Poland

**2 October 2024 | 3:30PM-5:00PM | Multifunctional room 2 |  on-line transmission |  simultaneous interpreting**  
**PL|EN**

### Solar energy – technologies

Dominant solar technologies, agrophotovoltaics. The barriers to the development of a large-scale PV market. Domestic production of PV panels and inverters. Electrotechnical accessories. Control and programming versus efficiency. PV cooperation with other RES (heat pumps) and with energy storage. The safety of installations.

### Energy storage facilities – technologies



Overview of the most important electricity storage technologies. Electrochemical, chemical, mechanical, and electrical storage systems. The effectiveness, durability, usability of example solutions depending on purpose. Cooperation of facilities storing different types of RES with industrial, communal and household installations – benefits and limitations. The cost of energy storage in the life-cycle of a device, investment support, disposal/recycling.

The following persons have been invited to participate in the session (in alphabetical order):

- **Krzysztof Kochanowski**, Vice-President of the Management Board, General Director, Polish Chamber of Energy Storage and Electromobility Association (PIME)
- **Dawid Moździerz**, Head of Photovoltaics Department, OEM Energy Sp. z o.o.
- **Magdalena Przybylczak**, R&D BESS Project Manager, Respect Energy SolarWind
- **Piotr Szczeciński**, Chairman of the Large-Scale Energy Storage Section, Polish Association of Energy Storage
- **Robert Zasina**, Executive Director, Asset Management, TAURON Polska Energia

Moderated by:

- **Łukasz Czepiel**, Head of International Business, Solfinity

**2 October 2024 | 3:30PM-5:00PM | Multifunctional room 1 |  on-line transmission |  simultaneous interpreting**  
**PL|EN**

### The energy market

The competitiveness of the Polish electricity market. The structure of entities generating electricity in Poland. Major players, anticipated changes. Cross-border exchange of electricity. Wholesale energy trade – Poland on the map of Europe. Competitive advantage of the retail energy market. Electricity prices for consumers. Dynamic tariffs.

The following persons have been invited to participate in the session (in alphabetical order):

- **Mateusz Brandt**, President of the Management Board, National Institute for Energy Consultancy
- **Mariusz Buraczyński**, Vice-President of the Management Board for Operations, Towarowa Gielda Energii SA

- **Dorota Jeziorowska**, Director, Polish Association of Combined Heat and Power Plants
- **Bartłomiej Kalisiewicz**, Member of the Management Board, Ekovoltis Sp. z o.o.
- **Tomasz Kurdelski**, CEO, Ebicom
- **Anna Stankowska**, Director of the Project Office, Department of Electrical Power Engineering, Transition Technologies-Systems Sp. z o.o.
- **Paweł Torbus**, Leader of Energy Insights in Poland, Local Partner, McKinsey & Company  
Speech | 10'
- **Paweł Torbus**, Leader of Energy Insights in Poland, Local Partner, McKinsey & Company  
Moderated by:
- **Dariusz Ciepela**, Journalist, WNP.PL, Magazyn Gospodarczy Nowy Przemysł
- **Marek Kulesa**, Office Director, Society for Energy Trading

**2 October 2024 | 3:30PM-5:00PM | Conference room 8 |  on-line transmission |  simultaneous interpreting PL|EN**  
**Biogas, biomethane, biomass**



The role of biogas and biomethane in the Polish energy mix. Opportunities for biomethane – electricity and heat production, industrial processes, transport. Agricultural and municipal biogas plants – project specifics. The potential of the Polish biogas market. Needs and barriers – legislative, financial, technical. Biogas as a growth industry – construction work, production and supply of gas engines, tanks, supporting infrastructure, maintenance.

The following persons have been invited to participate in the session (in alphabetical order):

- **Marcin Białek**, President of the Management Board, Biogas-System SA
- **Rafał Bonter**, Sales Director, DUON Group
- **Ewa Krasuska**, Strategic Advisor, National Centre for Research and Development
- **Michał Tarka**, Director General, Polish Biomethane Organization
- **Łukasz Tomaszewski**, Director, Department of Renewable Energy Sources, Ministry of Climate and Environment
- **Paweł Wołoszyński**, CEO, Environmental Technology Foundation
- **Izabella Żyglicka**, Founder, Żyglicka & Partners Law Firm, Advisor to the President, Employers of Poland

Moderated by:

- **Maciej Kosiński**, Company Owner, Magazyn Biomasa

**2 October 2024 | 3:30PM-5:00PM | Multifunctional room 3 |  on-line transmission |  simultaneous interpreting PL|EN**  
**Nuclear energy**

Prospects for nuclear power in Poland: large-scale investments and the assumed role of SMRs and MMRs. Contractors and technology providers. Polish industry experience in nuclear projects. Nuclear projects with a potential for the involvement of Polish industry. Conventional island (piping, instrumentation, steel structures, electrical equipment). Turbine island and generator. Nuclear island. Modular nuclear reactors – (im)maturity of the technology; who is interested in them, how to get ready today for the adoption of new technical solutions? Entry barriers for domestic actors on the nuclear power market. Strategies for the integration of Polish companies into global supply chains – the role of companies, the state, technology providers.



The following persons have been invited to participate in the session (in alphabetical order):

- **Maciej Bando**, Undersecretary of State, Government Plenipotentiary for Strategic Energy Infrastructure, Ministry of Climate and Environment
- **Łukasz Bartela**, Department of Power Engineering, Faculty of Environmental Engineering and Power Engineering, Silesian University of Technology
- **Leszek Hołda**, President of the Management Board, Bechtel Polska
- **Anna Kopytowska**, President of the Management Board, Arabelle Solutions Poland
- **Mirosław Kowalik**, President, Westinghouse Polska
- **Bogdan Pilch**, Director General, Chamber of Commerce for Energy and Environmental Protection (IGEOS)
- **Andrzej Sidło**, Advisor to the Minister, Department of Nuclear Energy, Ministry of Industry
- **Jarosław Wajjer**, Partner, Leader of Energy and Sustainability Advisory Services in Poland and CESA region, EY Poland

Moderated by:

- **Aleksandra Helbin**, Journalist, WNP.PL

### 3<sup>RD</sup> October 2024

**3 October 2024 | 9:30AM-11:00AM | Conference room 1-2 |  on-line transmission |  simultaneous interpreting PL|EN**  
**The energy efficiency market**



New regulatory requirements, tight deadlines. Energy efficiency target for 2030. Scale of needs, potential for change and benefits. Technologies for energy efficiency. From audits to benefits – specialist services in energy rationalisation. National tools for improving energy efficiency. Efficiency of the white certificate scheme. Condition of the ESCO market.

The following persons have been invited to participate in the session (in alphabetical order):

- **Jarosław Bogacz**, Independent Expert in the Energy Industry
- **Wojciech Domagała**, Head of Energy Efficiency, STX Group
- **Wojciech Glapa**, Business Development Manager, Ebicom
- **Justyna Glusman**, Deputy Mayor of the Ochota District of the City of Warsaw Director General, EDF Representative Office in Poland - Nuclear Energy
- **Dariusz Sokulski**, Director, Energy Efficiency Department, Siemens Polska
- **Marek Zdanowicz**, Chairman of the Management Board, Dalkia Polska Solutions sp. z o.o.

Moderated by:

- **Krzysztof Skowroński**, Director, Department of District Heating Transformation, National Energy Conservation Agency SA

**3 October 2024 | 9:30AM-11:00AM | Multifunctional room 1 |  on-line transmission |  simultaneous interpreting  
PL|EN**

### Hydrogen and the hydrogen economy



The potential role of hydrogen in the decarbonisation of industry, heating and an increase in energy independence. Poland relying on hydrogen? Potential and needs, ambitious strategy, difficult implementation, key obstacles. The availability of the so-called green hydrogen – a structural problem for the Polish energy sector. Standards and framework for the hydrogen market at EU level – important steps towards developing this new industry. Polygeneration? How to ensure the efficiency and profitability of hydrogen projects? Hydrogen valleys – an ecosystem with EU support. Pilot projects, conclusions. Supply, transmission and storage infrastructure, hydrogen technologies (electrolysers, cells, storage tanks).

The following persons have been invited to participate in the session (in alphabetical order):

- **Robert Adamczewski**, Head of the Development, European Energy Polska
- **Magdalena Jarkulicz**, Director, Department of Oil, Gas and Hydrogen Economy, Ministry of Industry
- **Marek Jedziniak**, Research and Development Manager, Biogas-System SA
- **Grzegorz Józwiak**, Director, Office of Hydrogen Technology and Synthetic Fuels, ORLEN SA
- **Agnieszka Ozga**, Director, Energy Transformation Division, GAZ-SYSTEM
- **Andrzej Szalek**, Advisor to the Board, Toyota Central Europe
- **Tomoho Umeda**, President, Hynfra P.S.A.

Moderated by:

- **Aleksandra Helbin**, Journalist, WNP.PL

**3 October 2024 | 9:30AM-11:00AM | Multifunctional room 2 |  on-line transmission |  simultaneous interpreting  
PL|EN**

### Grid infrastructure in the energy transformation

The condition and age of energy infrastructure. Changing the function of power grids from supplying to supplying and receiving. Grids as a platform for distributed energy development. Plans for the development of transmission and distribution grids. The pace of changes and the technical specificity of grid investments. Market effects of problems in connecting RES to the grid. Opportunities to accelerate and expand investment and modernisation. Alternative and supporting solutions: local grids/local balancing, off-grid, energy storage, cable pooling. Investments in the energy distribution sector and their profitability. Construction of electricity grids and substations, grid management systems.

The following persons have been invited to participate in the session (in alphabetical order):

- **Leszek Kosiorek**, President of the Management Board, Tauron Dystrybucja SA
- **Marcin Laskowski**, Vice-President of the Management Board for Regulatory Affairs, PGE Polska Grupa Energetyczna SA
- **Włodzimierz Mucha**, Vice-President of the Management Board, Polskie Sieci Elektroenergetyczne SA
- **Agnieszka Okońska**, Member of the Management Board, Stoen Operator Sp. z o.o.
- **Maciej Wyczęsany**, President of the Management Board, General Director, Apator SA

Moderated by:

- **Rafał Zasuń**, Editor-in-Chief, WysokieNapiecie.pl

**3 October 2024 | 9:30AM-11:00AM | Conference room 8 |  on-line transmission |  simultaneous interpreting  
PL|EN**



### Digitalization of the energy sector

Digitization of the energy sector in the era of its transformation. How do energy digitization tools (from the areas of telecommunications, Internet of Things, data processing, artificial intelligence) support changes in power generation? Modeling the operation of renewable energy sources (digital twin). Investments: automation and computerization of the distribution sector, energy meter replacement program. Power grid traffic management systems - monitoring and troubleshooting.

The following persons have been invited to participate in the session (in alphabetical order):

- **Piotr Błach**, RES market team manager, Transition Technologies-Systems Sp. z o.o.

- **Piotr Ostaszewski**, President of the Management Board, Ekovoltis Sp. z o.o.
  - **Mateusz Pawelczuk**, Board Member, RE Poweric
- Moderated by:
- **Paweł Szygalski**, Journalist, WNP.PL

**3 October 2024 r. | 11:30AM-1:00PM | Multifunctional room 2 |  on-line transmission |  simultaneous interpreting**  
**PL|EN**

### **E-mobility infrastructure**



Construction of electric vehicle charging stations – locations and procedures. Availability of technology – demand, supply, cost. Device types: direct current (DC) chargers, alternating current (AC) chargers, home chargers, ultra-fast charging stations. Polish car charger manufacturers – the competence and potential of the sector. Adapting the distribution network to accommodate a large number of chargers: the scale and technical complexity of the necessary investments, upgrades and adaptation.

The following persons have been invited to participate in the session (in alphabetical order):

- **Daniel Kopcuch**, Project Manager of the 'Going electric...' project, Department of Projects and Investments, Upper Silesian and Zagłębie Metropolis
- **Maciej Mazur**, Chairman of the Board, Polish New Mobility Association
- **Monika Morawiecka**, Senior Advisor, Regulatory Assistance Project (RAP) [online]
- **Marek Popiolek**, Deputy Director, Department of Electromobility and Hydrogen Economy, Ministry of Climate and Environment
- **Katarzyna Sobótka**, Emobility Director, CLARITAS Investments

Moderated by:

- **Adrian Ołdak**, Journalist, WNP.PL

**3 October 2024 | 11:30AM-1:00PM | Multifunctional room 1 |  on-line transmission |  simultaneous interpreting**  
**PL|EN**

### **Conventional energy and coal-fired units**



Changing the fuel structure of the Polish electricity system (NPS). What's next for the separation of coal assets from the largest entities in the Polish energy sector? The current role of conventional power generation. Installed capacity, fuels, age structure. Plan for shutdowns and new investments. A risk of a deficit in available capacity. New solutions for safe system operation: flexibility services, demand management. The power market beyond 2025: its key tools, mechanisms, sources. New solutions for safe system operation: flexibility services, demand management. The issue of retrofitting 200 MW coal-fired units – their current role and risks after loss of support. Technologies, costs and potential outcomes of retrofitting.

The following persons have been invited to participate in the session (in alphabetical order):

- **Krzysztof Kilian**, Minister of Communications 1992-1993, Chairman of the Board 2012-2013, Polska Grupa Energetyczna
- **Grzegorz Lot**, President of the Management Board, TAURON Polska Energia SA
- **Leszek Pietraszek**, President of the Management Board, Polish Mining Group SA
- **Marek Wesoly**, Vice-Chairman, Parliamentary Group for Energy and Mining Transformation in Poland

Moderated by:

- **Ryszard Kolasiński**, Energy Analyst, Polityka Insight Sp. z o.o.

**3 October, 2024 | 11.30AM-1.00PM | Conference room 1-2 |  on-line transmission |  simultaneous interpreting**  
**PL|EN**

### **Heating: transformation and investments**

System heating in Poland: fuel structure, finances, resources and prospects. The sector on its way to climate neutrality. Deadlines, strategies and tools for implementation. Key investors, projects, technologies. Investments in gas. The potential of RDF and biomass. Heat pumps and storage. Photovoltaics and the electrification of heating. The market, regulations and prices: how to maintain balance between the benefit of the receives and the heating company.

The following persons have been invited to participate in the session (in alphabetical order):

- **Jacek Chodkowski**, President of the Management Board, Dalkia Polska Sp. z o.o., General Director, Dalkia Polska Group
- **Arkadiusz Kosiel**, President of the Management Board, Fortum Silesia SA
- **Grzegorz Onichimowski**, President of the Management Board, Polskie Sieci Elektroenergetyczne SA
- **Igor Petryk**, Market Development Director, Wärtsilä Energy
- **Marcin Staniszewski**, President of the Management Board, TAURON Ciepło
- **Jacek Szymczak**, President of the Management Board, Polish Heating Industry Chamber of Commerce

Moderated by:

- **Dorota Jeziorowska**, Director, Polish Association of Vocational Heat and Power Plants

**3 October 2024 | 1:30PM-3:00PM | Multifunctional room 1 |  on-line transmission |  simultaneous interpreting**  
**PL|EN**

### **Effective heating: technologies, services, market**

From coal to gas to heat pumps. Demand for modern heating solutions with different specifications on the part of individual customers. Cost competitiveness of technologies, support schemes. Heating source manufacturing industry. Investments

planned in Poland. Industrial heat pumps – applications in manufacturing companies and district heating. Efficiency versus cooperation with other energy sources.



EPC/ESCO service market development. Implementation of the EU Renewable Energy Directive (RED) regarding the heating and cooling of buildings. The role of the public sector.

The following persons have been invited to participate in the session (in alphabetical order):

- **Andrzej Goździkowski**, Director for Innovation and Development, Dalkia Polska Energia
- **Ewa Kossak**, Head of Division, Department of District Heating Transformation and Energy Efficiency, Ministry of Climate and Environment
- **Piotr Obłəkowski**, Expert, National Fund for Environmental Protection and Water Management
- **Bartłomiej Rogowski**, Coordinator for heat pumps, air conditioning and ventilation, Grodno SA
- **Mariusz Sadłowski**, Manager, Department of Energy, Deputy Director, Office of Ecology and Energy, Gdansk City Hall
- **Piotr Sprzączak**, Development Director, Veolia ESCO
- **Marek Szczepański**, Director, Department of Environmental Programmes, Bank Ochrony Środowiska SA

Moderated by:

- **Marek Tobiacelli**, Senior Expert, Department of International Cooperation and Expertise, National Energy Conservation Agency SA

**3 October 2024 | 1:30PM-3:00PM | Conference room 1-2 |  on-line transmission |  simultaneous interpreting**

**PL|EN**

**Human resources and competences for the new sector**

Session partner: Upper Silesian and Zagłębie Metropolis



Employment in the energy sector. Scale and segment structure. The energy labour market. Natural staff movement versus interest in the profession among young people. New and scarce specialisations needed in the transition of the energy sector. How do we train energy professionals? New training models and programmes – cooperation between companies and universities.

The following persons have been invited to participate in the session (in alphabetical order):

- **Piotr Czopek**, Regulatory Affairs Director, Polish Wind Energy Association
- **Wacław Gudowski**, Professor of Reactor and Neutron Physics, Royal Institute of Technology (KTH) in Stockholm, Sweden, Professor at the National Centre for Nuclear Research (NCBJ), Advisor, Orlen Synthos Green Energy (OSGE)
- **Aleksandra Jampolska**, Public Affairs and Stakeholders Senior Manager, Ocean Winds w Polsce
- **Daniel Kiełpiński**, EVET Expert, Expert Panel on Vocational Education and Training
- **Janusz Kurpas**, Vice-President of the Management Board, Managing Director of the Business Group, Energoprojekt Katowice SA
- **Miłosz Motyka**, Undersecretary of State, Ministry of Climate and Environment

Moderated by:

- **Karolina Markowska**, Journalist, PulsHR.pl

**3 October 2024 | 1:30PM-3:00PM | Multifunctional room 2 |  on-line transmission |  simultaneous interpreting**

**PL|EN**

**Fuels for transformation**

Natural gas and other fuels representing alternatives replacing coal in energy generation. Gas as a transitional fuel for transformation — the short- and medium-term perspectives. How much gas and in which segments of the energy sector? Demand, sources and availability, transmission, and distribution. Investments in gas infrastructure — the current conditions. Refuse-derived fuel (RDF) — supply and demand; the importance of RDF in the energy sector, cogeneration systems, and industry. Municipal waste incineration plants and their role in the electricity and heating generation system. Hydrogen as a fuel of the future for energy.

The following persons have been invited to participate in the session (in alphabetical order):

- **Dariusz Bliźniak**, President of the Management Board, Respect Energy Fuels Sp. z o.o.
- **Sławomir Hinc**, President of the Management Board, Gaz-System SA
- **Jan Strubiński**, Regulatory Affairs Director, Polish Organisation of Oil Industry and Trade
- **Roland Wojtan**, Director, Gas Portfolio Management Department, ORLEN SA
- **Katarzyna Wolny-Tomczyk**, President of the Board, Association of Waste and Biomass Fuel Producers, Partner, ECO LEGAL
- **Arkadiusz Wronka**, Executive Director of Trading, TAURON Polska Energia
- **Jarosław Ziębiec**, Vice-President of the Management Board, Business Development, Towarowa Gielda Energii SA

Moderated by:

- **Dariusz Ciepela**, Journalist, WNP.PL, Magazyn Gospodarczy Nowy Przemysł
- **Dariusz Malinowski**, Journalist, WNP.pl



**Accompanying events**

**The Energy Day of the GZM Metropolis**

**Energy self-sufficiency as a direction for the transition of Śląsk and Zagłębie**

**Organizer: GZM Metropolis**



**3 October 2024 | 9:30AM-11:00AM | Multifunctional room 3 |  on-line transmission |  simultaneous interpreting  
PL|EN**

**Transformation of the energy sector of Śląsk and Zagłębie**

Just transformation in the Silesian province – legal aspects, initial thoughts, future plans. European concept and its implementation at the regional level. Resources and needs: support for businesses and large investment projects. Pool of ideas and beneficiaries. Development potential and expected impact on the regional labor market.

Hosted by:

- **Natalia Rasiewicz**, Journalist, PortalSamorzadowy.pl, WNP.PL, PulsHR.pl

Welcoming the guests | 10'

- **Henryk Borczyk**, Vice-Chairman of the Management Board, Upper Silesian and Zagłębie Metropolis

Speech | 15'

Is fair transformation of mining regions possible?

- **Ryszard Pawlik**, Parliamentary Advisor to Jerzy Buzek, MEP

Speech | 15'

Legal aspects of the energy transition

- **Magdalena Krawczyk**, Attorney at Law, Research Centre for Public Competition Law and Sectoral Regulation, University of Silesia in Katowice
- **Mirosław Pawelczyk**, Legal Adviser, Director, Research Centre for Public Competition Law and Sectoral Regulation, University of Silesia in Katowice, Poland

Speech | 15'

Atom for local governments - what about big and small atom?

- **Andrzej Sidło**, Minister Counsellor, Department of Nuclear Energy, Ministry of Industry



**Debate: Energy transformation of Silesia and Zagłębie**

The following persons have been invited to participate in the session (in alphabetical order):

- **Henryk Borczyk**, Vice-Chairman of the Management Board, Upper Silesian and Zagłębie Metropolis
- **Robert Kamiński**, Deputy Mayor of Zbrosławice Municipality
- **Jarosław Makowski**, Deputy Mayor of Katowice
- **Joanna Pauly**, Director, Department of European Funds and Foreign Affairs, Ministry of Industry

Moderated by:

- **Wojciech Kuta**, Journalist, PortalSamorzadowy.pl

**October 2024 | 11:30AM-1:00PM | Multifunctional room 3 |  on-line transmission |  simultaneous interpreting  
PL|EN**

**Energy for cities and municipalities**

Sources of energy and heat supply for cities and municipalities. Energy costs in local government budgets. Methods of energy purchase by local authorities. The increase in energy demand associated with the increasing electrification of many areas of life. Green energy and smart electronics as developmental strategies of Polish municipalities. The role of energy planning. Green energy versus energy security. Scenarios for cooperation between energy and district heating companies and local authorities. Nuclear power for local authorities – when and under what conditions?

Speech | 10'

Finnish developer of SMR technology to decarbonise district heating system

- **Matti Pentti**, CCO, Steady Energy Oy



**Debate: Energy for cities and municipalities**

The following persons have been invited to participate in the session (in alphabetical order):

- **Łukasz Bartela**, Department of Energy Machines and Equipment, Faculty of Environmental Engineering and Energy, Silesian University of Technology
- **Marcin Borek**, Director, Department of Local Government Investments, Polish Development Fund
- **Albert Gryszczuk**, President of the Board, National Chamber of Energy Clusters and Renewable Energy Sources
- **Wacław Gudowski**, Professor of Reactor and Neutron Physics, Royal Institute of Technology (KTH) in Stockholm, Sweden, Professor at the National Centre for Nuclear Research (NCBJ), Advisor, Orlen Synthos Green Energy (OSGE)
- **Tomasz Matuszewski**, Mayor of Sanok
- **Stanisław Tokarski**, Advisor, Central Mining Institute, Plenipotentiary Director, Centre for Energy, Stanisław Staszic University of Science and Technology, Krakow

Moderated by:

- **Piotr Wiewióra**, Journalist, PortalSamorzadowy.pl

**3 October 2024 | 1:30PM-3:00PM | Multifunctional room 3 |  on-line transmission |  simultaneous interpreting  
PL|EN**

#### **Energy self-sufficient local authorities**

Technological solutions for the production of energy for cities and smaller centres' own consumption: photovoltaics, heat pumps, municipal biogas, biomass, geothermal, combustible fraction of municipal waste (RDF – refuse derived fuel). Energy efficiency: thermal modernisation, energy-efficient and passive construction, use of waste heat, infrastructure modernisation. Organizational solutions aimed at energy self-sufficiency: city (municipal) energy officer, energy clusters and cooperatives, cooperation between municipalities, energy management systems. Energy self-sufficient heating plans – an example of good practice.

Speech | 10'

The role of energy planning in local government

- **Adam Jankowski**, Energy Planning Workshop

Debata: **Energy independence in local authorities - an ideal or a real need?**

The following persons have been invited to participate in the session (in alphabetical order):

- **Henryk Borczyk**, Vice-Chairman of the Board, Upper Silesian-Zagłębian Metropolis
- **Maciej Gramatyka**, Mayor of Tychy
- **Szymon Liszka**, Chairman of the Board, Foundation for Energy Efficiency
- **Tomasz Sadłoń**, Head of Psary Commune
- **Maciej Sołtysik**, Assistant Professor, Faculty of Electrical Engineering, Częstochowa University of Technology, Chairman of the Board, Węglokoks Energia Sp. z o.o., Chairman of the Board, Co-founder, Institute for Projects and Analysis Sp. z o.o.
- **Krzysztof Witkowski**, Mayor of Koło

Moderated by:

- **Tomasz Klyta**, Journalist, Portalsamorzadowy.pl