



XXVI Scientific and Technical Symposium

Power Engineering Bełchatów 2024

September 2-4, 2024 • Bełchatów



budujemy możliwości
porozumienia

PROGRAM*

SUNDAY | September 1, 2024

18.00 – 20.00 Preparation of exhibition stands by exhibitors – [sports hall at Sport Hotel](#)

MONDAY | September 2, 2024

Od 8.00 Opening of the symposium office – Sport Hotel, Sports Hall

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09.30 – 09.50 [Congress Hall \(simultaneous translation\)](#)
INTRODUCTORY LECTURE – Technologies of tomorrow

09.50 – 10:00 [Congress Hall \(simultaneous translation\)](#)
OPENING OF THE SYMPOSIUM

10.00 – 10.15 [Congress Hall \(simultaneous translation\)](#)
PRESENTATION OF THE HONORARY HOST / INTERVIEW

10.15 – 11.25 [Congress Hall \(simultaneous translation\)](#)
ENERGY FORUM – WHAT'S NEXT FOR ENERGY?

Topics:

- Europe's energy strategy in the context of Poland
- Poland's energy security after 2025
- Nuclear power in Poland (what stage is it at, plans, financing)
- Development of RES in Poland, further prospects
- Electricity grids - can they cope?

11.25 – 12.00 **OPENING OF THE EXHIBITION / BREAK**

12.00 – 13.00 [Congress Hall \(simultaneous translation\)](#)
MODERN TECHNICAL SOLUTIONS SUPPORTING TRANSFORMATION

- Panel for Partners and Sponsors

13.00 – 14.30 [Congress Hall \(simultaneous translation\)](#)
ENERGY FORUM *ARE WE FACING A CRISIS?*

Topics:

- Poland's energy mix 2025-2040 in the light of the PEP and current economic and political realities?
- Switching off coal units - what will replace them?
- RES + nuclear power as a recipe for crisis?
- How about prosumerism?
- What about storage? Hydrogen?

14.00 – 16.00 Lunch at Sport Hotel

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16.00 – 17.15

ROOM A

Nuclear power in Poland - technologies and modern solutions

- Nuclear energy - challenges, opportunities, milestones
- technologies for NPPs,
- nuclear investment financing
- potential of Polish (and non-Polish) companies vs. nuclear power development

17.15 – 17.45 BREAK

17.45 – 19.15

THEMATIC PANELS

PANEL I – ROOM A

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WHETHER AND HOW TO BUILD RES?

Topics:

- construction of windmill farms,
- construction of PV farms,
- heat pumps,
- energy storage.

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PANEL II – ROOM B

STRATEGY FOR THE HEATING SECTOR

Topics:

- electrification of district heating plants,
- cogeneration,
- replacement of generation sources,
- RES in district heating.

19.15 Conclusion of the first day of lectures.

19.50 Departure of coaches to Hotel Sport from Hotel Wodnik - at 19:50

20.30 – 24.00 ENERGY GALA - CONGRESS HALL

Departure from Hotel Sport to Hotel Wodnik at 23:00 and 24:00

TUESDAY | September 3, 2024

07.30 – 08.30 Breakfast at place of accommodation

09.00 – 10.45 | THEMATIC PANELS

R O O M A	<p>PANEL III - Room A</p> <p>CONVENTIONAL POWER GENERATION</p> <p>Topics:</p> <ul style="list-style-type: none"> - investment and modernisation, - financing, - repairs and maintenance, - gas blocks - efficiency improvements. 	R O O M B	<p>PANEL IV – Room B</p> <p>SAFE AND EFFICIENT RES INSTALLATIONS</p> <p>Topics:</p> <ul style="list-style-type: none"> - maintenance of high-performance RES installations (wind, PV, heat pumps) - servicing of the RES installations (wind, PV, heat pumps) - fire safety of RES installations (including energy storage) - efficient use of connection capacities, cable pooling 	R O O M C	<p>PANEL V - Room C</p> <p>DIGITAL SIDE OF POWER AND HEATING</p> <p>Topics:</p> <ul style="list-style-type: none"> - digitisation - a must have - process security - Cyber security - statutory requirements for I.K. and IoT threats, - methods and tools to support plant security, - risk management systems, - artificial intelligence and cloud solutions.
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10.45 – 11.15 Coffee break – sports hall at Sport Hotel

11.15 – 13.05 | THEMATIC PANELS

R O O M A	<p>PANEL VI - Room A</p> <p>CONVENTIONAL POWER GENERATION</p> <p>Topics:</p> <ul style="list-style-type: none"> - how to regulate the output of generating units, - alternative fuels, - environmental protection, - diagnostics and prediction, 	R O O M B	<p>PANEL VII - Room B</p> <p>HYDROGEN</p> <p>Topics:</p> <ul style="list-style-type: none"> - technological solutions for hydrogen production, - economic use of hydrogen - ensuring the safety of hydrogen systems - hydrogen logistics. 	R O O M C	<p>PANEL VIII - Room C</p> <p>DECARBONISATION</p> <p>Topics:</p> <ul style="list-style-type: none"> - planning and carrying out the decarbonisation process - technologies used in decarbonisation - ESG reporting - financing of decarbonisation
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- emergency versus planned overhauls,

13.05 – 13.30 Coffee break – sports hall at Sport Hotel

S A L A A		Room A
	13.30 – 15.00	DEBATE BOOMERS, ZETAS, MILLENIALS AND ENERGY TRANSFORMATION Topics: <ul style="list-style-type: none">• Poland's education system and the demand for employees in the energy sector of the future• education, development and retention of employees in the energy industry• how to attract new employees to the power industry?• redeployment of workers from the conventional energy industry - what about after coal?• competences of workers and managers of the future in the power industry

15.00 – 16.00 Lunch at Sport Hotel

16.00 Dismantling of exhibition stands

17.30 Departures of coaches to Hotel Wodnik from Hotel Sport - at 17:30

18.00 – 24.00 Barbecue dinner at Wodnik Hotel

Departures from Hotel Wodnik to Hotel Sport at 22:00 and 23:30

WEDNESDAY September 4, 2024

7.30 – 8.30 Breakfast at the place of accommodation

10.00 –12.00 Technical tour (details to be determined)

12.00 – 13.00 Lunch- Canteen at the Power Plant (tour participants will receive vouchers for lunch)

*The organizer reserves the right to make changes to the program.