

DRAFT AGENDA

Plenary Session: Europe's energy security: revision of the EU energy policy

- Energy security of Europe – war in Ukraine and sanctions as impulse to change European energy policy.
- Revision of strategic raw materials supply destinations for Europe - common EU energy policy vs individual strategies of key European countries.
- REPower EU and FIT for 55 strategies - what has been achieved so far?
- Energy security of EU countries - new projects and initiatives in the development of energy infrastructure of European importance.
- New architecture of the common energy market in Europe.
- EU strategy for the development of offshore renewable energy.
- The hydrogen strategy of the EU.
- New platforms for cooperation of the Baltic Sea countries as a response to Russia's energy blackmail.
- Poland's Energy Policy 2040 in the context of the European Green Deal - the need for updating and basic directions of change.
- The place of nuclear power in the new energy policy: the degree of advancement of the Polish nuclear program, financing models, large-scale power generation vs. small-scale nuclear facilities.
- Power deficit after 2025 - solution scenarios.
- Experiences of EU countries in counteracting the negative effects of rising prices of energy carriers on the energy industry and the economy.
- The role of the US in stabilizing Europe's energy policy.
- War as an impulse to the establishment of a sustainable, efficient, modern and competitive energy industry.
- KPO funds, and acceleration of the Polish energy transition.

PANEL 1: Energy transformation in progress - Strategies of energy groups adapting to new market realities and changes in the state energy policy

- Necessary amendments in strategies of energy groups - major provisions.
- Amendment of the Wind Act - assessment of the impact of new amendments on the development of the renewables market in Poland .
- New investments resulting from transformation strategies of the sector.
- Hydrogen as fuel of the future – opportunities emerging from the regulatory environment and sectoral agreements.
- RES projects on land – scale of the projects planned for 2023, prevailing technologies.
- Gas as common fuel for large power generation - the impact of price fluctuations on market development .
- Future of coal projects in Polish energy sector.
- Operation of the grid system with the dominant role of RES.
- Systems to protect consumers from energy price increases - past experience and target solutions.
- Energy groups offer to industrial customers (B2B).
- Future investment plans and the financing mechanisms.

PANEL 2: Clean energy, scale of investments and key projects

- Strategic nuclear projects in Poland – scale and time horizon.
- Development of the PV sector in Poland compared to other RES sectors.
- Adaptation of MV and LV grid functionality to the growing number of prosumer RES installations.
- Restrictions on grid development constraints on construction of new RES sources.
- Energy storage facilities for each installation? Costs vs. benefits.
- Financing of RES projects - are long-term PPA agreements an alternative to support schemes.
- Nuclear energy contracting models.
- Market for new energy services for the RES sector.
- Impact of regulations stabilizing energy prices on the RES sector.

PANEL 3: Security of strategic energy infrastrucutre

- Security as one of milestones of Polish residency – key provisions.
- Challenges related to the development of energy infrastructure in the Baltic Sea.
- Pre-emptive actions against physical, cyber and hybrid threats taken by companies managing strategic energy assets.

- International cooperation for security.
- Energy, fuel and gas storage facilities – the scale of necessary investments in security.

PANEL 4: Gas, biogas & biomethane – element of development of effective distributed power generation

Part I: Gas as primary transition fuel

- Gas market in Poland - import directions, strategic alliances, development prospects in the context of replacing coal-based generation.
- Key investment projects for the Polish fuel and gas market. Priorities in the expansion of the gas transmission and distribution network, FSRU terminals.
- Gas storage infrastructure – prospective scale of demand.
- Gas in the portfolio of energy companies. The future of gas as a resource for the Polish energy industry.
- Priorities and existing constraints in the extension of the gas transmission and distribution network.
- Strategic investment projects of distribution system operators.
- Development of the “green” hydrogen market in Poland in the context of the emerging regulatory environment for the hydrogen economy.

Part II: Biogas & biomethane – element of development of effective distributed power generation

- Biomethane as the fuel of the future? - development potential, business models and first projects.
- Regulatory environment, certification and guarantees of origin of biomethane in Poland.
- Green hydrogen in the Polish energy sector - projects, applications, major market implementations.
- Opportunities and possibilities for biomethane in the distribution grid - as a key element of the green energy transition.

PANEL 5: New conditions for heating and cogeneration development. “Clean air” program

- Fitfor55 - preparing the system heat market for the necessary regulatory changes.
- Cogeneration support system - have the assumed goals associated with this system been achieved?
- Preferences for the development of energy-efficient district heating systems - gas cogeneration, waste and biomass projects, decline of coal cogeneration.
- Anti-smog programs - state of progress, first effects, necessary adjustments, stimulation of pro-environmental behavior, anti-smog legislation.
- Change in the approach to district heating tariffs.
- Investment in the heating industry - how are smaller heat producers doing?
- The place of local governments in the development of the Polish district heating industry.
- Use of RES in district heating.
- Use of waste heat - current status and development prospects.
- Energy efficiency in district heating.

PANEL 6: Off-shore and onshore: development perspectives, scale of projects, Polish local content

- Progress in the development of wind projects in the Baltic in Phase I.
- The race for location permits for Baltic wind farms in Phase II - status, allocation criteria and appeals.
- Challenges in the process of obtaining the remaining permits in the investment process, including the decision on environmental conditions .
- The role of investors and foreign partners in the development of Polish onshore & offshore wind.
- Offshore research in the project development phase.
- Displacement of power from offshore wind farms.
- Dedicated support system for offshore wind energy - contracts for difference.
- Offshore as an opportunity for the Polish industry.
- Offshore and onshore energy contracting models.
- Development of wind infrastructure in Poland.

PANEL 7: 2050 horizon: Development, investments, innovation - business, self-government and prosumers (renewables, e-mobility, PV)

- The role and scale of the private sector in the energy industry.
- The role of local governments in implementing infrastructure projects.
- Connection of RES to the grid, and the safety and capacity of the system.
- The future of waste incineration and biogas plant projects Large scale nuclear power and its place in Poland's energy mix.
- Distributed generation and the implications of the new energy policy. Energy clusters .
- Development of e-mobility - electric vehicles, charging stations + energy storage technologies. Is Poland ready for large-scale EV service?
- Photovoltaics - scale of development: large farms or only small home installations?
- Start-up program as a source of innovation - how Polish companies have used the potential and know-how of the market.

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