Preamble. The scale of today’s changes in the energy sector, especially in terms of information and technological development, as well as the rapid diversification of energy production sources in favor of a transition to a low-carbon economy, indicate that the global energy system has entered a new stage of fundamental transformation. Moreover, the peculiarity of this transformation is the fact that the incentives to it are both economic and, to a greater extent, non-economic in nature.

• What impact does the global energy transformation have on corporate risk management strategies and the sustainability of energy companies?
• How to reduce operational and financial risks and ensure stability of investments in energy projects in conditions of sanctions, high volatility of energy prices, the influence of “black swans” and other uncertainties?
• What are the threats and prospects of the transition to a low-carbon economy for oil and gas producers and refiners?
• How can digitalization be used as a risk management tool at all stages of the production process?
• Can insurance be considered as a strategic decision to protect property interests of a business?

These and other relevant issues will be the focus of attention of the Conference participants.

9:30-10:00  Registration, Welcome coffee

10:00-12:00  Plenary Session

“RISKS AND PROSPECTS OF TRANSFORMING THE WORLD ENERGY BALANCE IN TERMS OF ECONOMY GLOBALIZATION”

Welcome Addresses:
• Mr. Fatih Dönmez, Minister of Energy and Natural Resources, Turkey;
• Mr. Alexander Novak, Minister of Energy, Russia;

Issues for discussion:
• Scenarios and forecasts for the world energy development: key factors and uncertainties.
• Strategic risks of making decisions affecting the third countries and future generations: are the Europe’s 2050 climate goals achievable?
• Hedging risks to improve stability of investments in energy projects in terms of energy prices volatility, currency fluctuations, trade wars and other uncertainties.
• Energy digital transformation as a tool for risk management and ensuring guaranteed energy supply to consumers.

Moderator: Dr. Alexey Gromov, Principal Director for Energy Studies, Institute for Energy and Finance, Russia;

Speeches:
• Dr. Sun Xiansheng, Secretary General, International Energy Forum (the IEF);
### SESSION

**“TRANSITION TO A LOW-CARBON ECONOMY - THREATS OR NEW PROSPECTS FOR DEVELOPING OIL AND GAS PRODUCTION AND PROCESSING?”**

**Issues for discussion:**
- Gas transporting infrastructure development and diversification of supplies: LNG and pipeline gas.
- Expanding usage of exchange mechanisms to increase the transparency of pricing in mercantile markets.
- Equipment, technologies and infrastructure for using natural gas as a gas engine fuel.
- International experience of gas engine technologies implementation for heavy, automobile, railway, agricultural transport and special equipment.
- Digitalization of the petrochemical industry as one of the mechanisms to attract investment.

**Moderator:** Mr. Grant Griffiths, Chairman of the Regional Working Group, Institute of Risk Management (IRM), UK;

**Speeches:**
- **Mr. Adam Sieminski**, President of the King Abdullah Petroleum Studies and Research Center (“KAPSARC”), Saudi Arabia;
- **Mr. Alexey Rybnikov***, President, Saint-Petersburg International Mercantile Exchange (SPIMEX);
- **Ms. Mariarosa Baroni**, President NGV Italia;
- **Mr. Ahmet Türkoğlu***, CEO of Turkish Energy Exchange;
- **Mr. Vadim Cheban**, Chairman of the Board, Moldovagaz;
- **Mr. Alexey Kakhidze**, Chairman of the Board of Directors, Gazprom LNG Technologies, Russia;
- **Mr. A. Sychkov**, General director, Group of companies “Alternative Fuel Systems”;
- Q&A.

### Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>12:00-13:00</td>
<td>Lunch break and Networking</td>
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<tr>
<td>13:00-14:30</td>
<td>SESSION</td>
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<tr>
<td>14:30-14:45</td>
<td>Technical break</td>
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<td>14:45-16:00</td>
<td><strong>PANEL DISCUSSION</strong>&lt;br&gt;CHALLENGES AND OPPORTUNITIES OF ELECTRIC POWER INDUSTRY DIGITAL TRANSFORMATION: ENERGY PRODUCTION, TRANSMISSION AND DISTRIBUTION</td>
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<td><strong>Issues for discussion:</strong>&lt;br&gt;• Risk-oriented model for enterprise management as a mechanism to increase efficiency and reliability of consumer’s energy supply.&lt;br&gt;• Contribution of modern nuclear technologies to transition to green energy;&lt;br&gt;• Investing opportunities for providing energy efficiency and reliability of energy supply of infrastructural projects in megacities.&lt;br&gt;• Decentralized energy generation technologies: micro grids, RES and artificial intelligence.&lt;br&gt;• Application of Digital Twins technology as an element of digitalizing power generation industry management processes.&lt;br&gt;• Development of electric transport and charging infrastructure: megacities experience.</td>
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<td><strong>Speeches:</strong>&lt;br&gt;• Mr. Maxim Bystrov*, Chairman of the Board, Association NP Market Council, Russia;&lt;br&gt;• Mr. Viktor Opekunov, President of SOYUZATOMSTROY and SOYUZATOMPROEKT, Russia;&lt;br&gt;• Mr. Cemil Ceyhan Aral, Vice President, Ihlas Holding, Turkey;&lt;br&gt;• Mr. Peter Konyushenko, General Director of AtomEnergoSbyt, Russia;&lt;br&gt;• Mr. Ruslan Antonyuk*, General director, “Furnizarea Energiei Electrice Nord”, Moldova;&lt;br&gt;• Representatives of companies and organizations.&lt;br&gt;• Q&amp;A.</td>
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<td>16:00-16:30</td>
<td><strong>Coffee break and Networking</strong></td>
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<td><strong>THE SECOND DAY, MAY 29</strong>&lt;br&gt;Working language is English&lt;br&gt;The Conference’s events will be supplied by Russian-English simultaneous translation</td>
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<td>9:30-10:00</td>
<td><strong>Registration, Welcome coffee</strong></td>
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<td>10:00-12:30</td>
<td><strong>PLENARY SESSION</strong>&lt;br&gt;«CORPORATE STRATEGIES FOR RISK MANAGEMENT IN TRANSFORMING ENERGY»&lt;br&gt;• How does the global energy transformation affect corporate risk management strategies and sustainability of energy companies?&lt;br&gt;• Criteria and assessment of the risk management systems cost-effectiveness.&lt;br&gt;• Digitalization as a tool for increasing staff involvement and risk management at all stages of the production process.&lt;br&gt;• New requirements for training risk managers and operational dispatch personnel in terms of the energy sector digitalization.&lt;br&gt;• Consequences of digitalization: reduction of jobs or promotion of professional growth - view of enterprises and employers.</td>
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<td>12:30-13:30</td>
<td>Lunch break and Networking</td>
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* - the draft program is could be changed, the speakers are to be confirmed;