BULGARIAN ENERGY & MINING FORUM

Jointly with

The Bulgarian National Committee in the World Energy Council

In cooperation with

The Professional Energy Union Circle, Sofia

Sixth Regional Energy Conference
Energy Development in Southeast Europe:
Energy security, sustainability, investments and growth

19-20 September 2016, Hotel Balkan, Sofia, Bulgaria

Under the patronage of
Mrs. Temenuzhka Petkova,
Minister of Energy of the Republic of Bulgaria

with the financial support of

Media Partnership
ADDRESS FROM THE PROGRAMME COMMITTEE

Dear guests and participants in the Sixth Regional energy Conference “Energy Development in Southeast Europe: Energy security, sustainability, investment and growth”

It is my pleasure on behalf of the Programme Committee to welcome you to this important for the energy sector of Bulgaria and the region event.

We all witness dynamic changes in the energy development in our region and also throughout all Member States of the European Union and the world. Enhanced energy security, greater connectivity of our energy systems and markets, reduced impact of the energy on the environment are the present day priorities and it is our duty to respond to these challenges. These will be actually the key issues to discuss during this significant energy event.

The valid and sound reasons to participate in the Conference from professional point of view are at least the following:

- Regulatory aspects and approach in coupling the energy systems of Bulgaria and its neighboring countries will be discussed;
- Progress on the projects for construction of the gas interconnectors on Bulgarian territory and the idea for Balkan gas hub will be communicated;
- Key topics related to the sustainable development of Bulgaria and the region will be discussed, including the future of the cola-fired plants, development of renewables, energy efficiency and demand-side management
- Various expert opinions on the possible options to solve the issue on Belene NPP equipment will be presented

Let us together discuss and come up with the best solutions for the energy development of Bulgaria and the region as a part of the European Energy Union.

Ivan Hinovski
Programme Director

Programme Committee:
Peter Poptchev
Yulia Staykova
Valentin Nikolov
Christo Kazandjieva
Anton Ivanov
Stephania Ilkova
Maria Stoyanova – Administrative assistant
**AGENDA**

**1ST DAY: MONDAY, 19 SEPTEMBER 2016**

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<tr>
<td>12:00 – 12:30</td>
<td>Registration and coffee</td>
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<tr>
<td>12:30 - 12:45</td>
<td>Opening and welcome notes from the Organizing Committee</td>
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<tr>
<td></td>
<td><strong>Ivan Hinovski</strong>, Programme director, Bulgarian Energy and Mining Forum</td>
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<td><strong>Valentin Nikolov</strong>, Member, 43th Bulgarian National Assembly</td>
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<td><strong>Amb. Peter Poptchev</strong>, President, Professional Energy Union Circle</td>
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<td>12:45 – 13:15</td>
<td>Political messages to the Conference</td>
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<td><strong>H.E. Mr. Tomislav Donchev</strong>, Deputy Prime Minister, Republic of Bulgaria</td>
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<td><strong>H.E. Ms. Temenuzhka Petkova</strong>, Minister of Energy, Republic of Bulgaria</td>
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<tr>
<td>13:30 – 14:45</td>
<td>Panel 1: Strategy for an Energy Union and energy security and their implementation in Southeast Europe – the European perspective</td>
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<td><strong>Moderator:</strong> <strong>Julian Popov</strong>, BPIE, Brussels</td>
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<td><strong>Keynote presentations:</strong></td>
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<td><strong>Vladimir Uruchev</strong>, Member of the European Parliament</td>
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<td>Role of Bulgaria as a key player in the future regional energy union</td>
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<td><strong>Nikolay Nikolov</strong>, Deputy minister of energy of Bulgaria</td>
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<td>Liberalization of the electricity market – a priority of the Bulgarian energy policy</td>
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<td><strong>Erica Thomas</strong>, US EU Energy, Environment, Science and Technology Counsellor, Department of State</td>
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<td>Policies towards energy security in SE Europe</td>
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<td><strong>Amb. Peter Poptchev</strong>, President, PEUC,</td>
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<td>European gas hub Balkan: compliance with EU strategies; comments from European institutions and professional circles within and outside Central and SE Europe; prospects for regional integration solutions</td>
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<td><strong>Panel discussion</strong></td>
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<td>14:45 – 15:15</td>
<td>Coffee break</td>
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<td>15:15 – 16:30</td>
<td>Panel 2: Prospects for new regional infrastructure and regulations for establishment of regional electricity and gas markets in Southeast Europe</td>
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<td>Expected role of regional gas hub “Balkan”, development stage of IGB, ITG and other gas interconnectors in the region and EU LNG Strategy will be topics for discussions.</td>
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<td>In the area of electricity markets liberalization, the topics of interest be discussed are the role of energy exchanges and regionalization and widening of their regulation, coupling of electricity markets, possible arrangements for free-flows across borders, how to tackle overcapacity and integration of the renewable energy generation, regional capacity mechanisms, grids and interconnections, solutions for energy poverty in SEE region</td>
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<td><strong>Moderators:</strong> <strong>Olivier Marquette</strong>, Co-Chairman of the National Energy Chamber and Xavier Faugeras, General Manager, Total E&amp;P Bulgaria B.V.</td>
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<td><strong>Keynote presentations:</strong></td>
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<td><strong>Assoc. Prof. Dr. Ivan Ivanov</strong>, Chair, Bulgarian Commission for Energy and Water Regulation (CEWR)</td>
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Position of the Bulgarian regulator on electricity and gas markets coupling of Bulgaria, Romania and Greece – steps ahead to go

Kamen Manev, Bulgartransgaz

Plans for upgrades of the national gas transport system to prepare for establishment of interconnected natural gas market in the region

Viktoria Popovska, Bulgarian TSO

Competitive electricity market in Bulgaria and plans for its integration with the SE Europe markets and the common pan-European market

Konstantin Konstantinov, CEO, Bulgarian Independent Energy Exchange

Bulgarian Independent Energy Exchange – achievements and development

BenSamuel, ICIS, UK

Best practice for natural gas hub planning, development and operation

Panel discussion

16:30 – 17:00 Refreshment break

17:00 – 18:15 Panel 3: Low carbon economy, energy efficiency and consumption management – leading EU policies towards sustainable development

The role of renewable energy, energy efficiency and innovation in SEE: the challenge of investing in renewables; improvements in the ETS; ensuring a clear and cost-effective policy framework for renewables; smart grids and smart metering; opportunities for IT and High-Tech companies in the new green economy and energy

Moderators: Krassen Stanchev, IME, Bulgaria and Meglena Rusenova, Bulgarian Photovoltaic Association

Keynote presentations:

Olivier Marquette, Executive Director, AES Bulgaria

The low carbon energy strategy and the challenges for the coal power generation in the future

Meglena Rusenova, Bulgarian Photovoltaic Association

Role of the green energy in the sustainable development of the Bulgarian economy

Vanya Benovska, WADE, USA

Distributed energy generation trends and implementation in the world today-technologies and achievements.

Vassil Petev, 3B Management AD, Bulgaria

The opportunities for IT and High-Tech companies in the future green economy and power generation in SEE

Pavel Manchev, EnEffect

Best practices in demand-side management in Bulgaria

Panel discussion

19:00 – 20:30 RECEPTION

2nd DAY: TUESDAY, 20 SEPTEMBER 2016

09:00 – 10:15 Panel 4: The future of the nuclear energy on the liberalized markets and options for feasible realization of Belene NPP equipment

The role of nuclear energy in achieving the low-carbon economy and sustainable development is beyond doubt. Many countries in Europe and the rest of the world consider it as an option in their energy development efforts.

The pros and cons of the nuclear energy are discussed and optimum solutions are sought to comply with the liberalized markets where the plants will have to operate.
**Bulgaria is at a crossroad to decide on the ordered equipment for Belene NPP: does the government have a viable option and what is it?**

**Moderator:** Prof. Atanas Tassev, BEMF

**Keynote presentations:**

- **Acad. Stefan Vodenicharov, President, Bulgarian Academy of Sciences**
  - Approach for building of two nuclear units with VVER-1000 reactors at Belene site: technical aspects

- **Anton Ivanov, BEMF**
  - Vision for building of one nuclear unit with VVER-1000 reactor on Kozloduy NPP site: technical aspects and the state engagements

**Panel discussion**

with participation of the invited members of the club “**Nuclear Seniors**” from Kozloduy NPP

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<tr>
<td>10:15 – 10:45</td>
<td>Coffee break</td>
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| 10:45 - 12:00  | **Panel 5: Enhancing the potential for domestic production of energy resources in SEE**
  E&P onshore and offshore operators in the maritime space around the Balkan Peninsula are expected to present info on ongoing projects, the challenges and the oil and gas E&P potential in the Black Sea and the East Mediterranean

**Moderators:** Valentin Nikolov, Member of the Bulgarian National Assembly and Ilian Vassilev, Innovative Energy Solutions

**Keynote presentations:**

- **Varinia Radu, CMS-CMK, Romania**
  - Recent developments in the Romanian upstream sector
- **H.E. Stavros Avgoustides, Ambassador of Republic of Cyprus**
  - Progress on natural gas production projects in Cyprus (tbc)
- **Assoc. Prof. Atanas Vasilev, Institute of Oceanology, Bulgarian Academy of Science, Assoc. Prof. Valentin Georgiev, GeoMarin Ltd.**
  - Marine gas hydrates – nature, distribution in the European seas, exploration and production technologies developed, and forecast energy potential in the Bulgarian exclusive economic zone in the Black Sea
- **Zhecho Stankov, Deputy minister of energy, Bulgaria**
  - Status of petroleum upstream activities in Bulgaria

**Panel discussion**

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| 12:00 – 13:00  | **Concluding discussion panel** and discussion on the Memorandum “The energy future of Southeast Europe”**
  Panelists: Nikolay Nikolov, Georgi Gegov, Julian Popov, Anton Ivanov, Ilian Vassilev, Krassen Stanchev, Meglena Rusenova, Peter Poptchev, Xavier Faugeras, Olivier Marquette

All representatives of participating parties and institutions and the corporate sector will be given an opportunity to share ideas and make proposals to the document. The Organizers/the Program Director will draft a written compilation of these conclusions and will send it to all participants for information.

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<td>13:00</td>
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*The working languages of the Conference are Bulgarian and English, with simultaneous translation.*