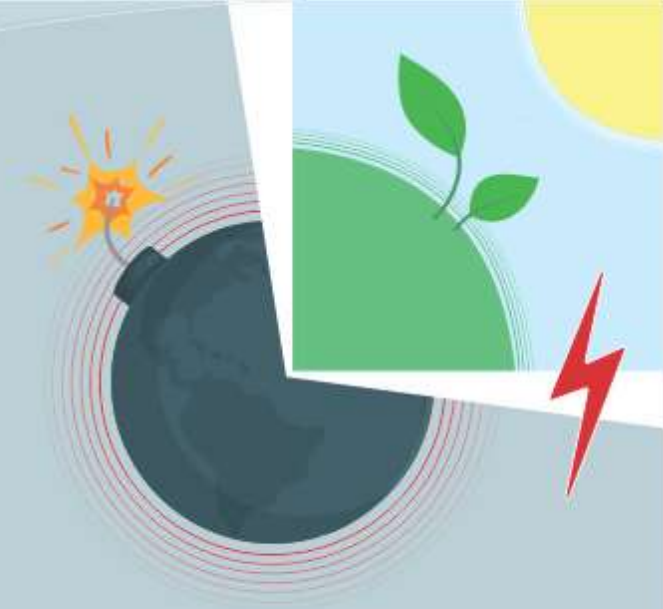


# ENERGY 2023

ENERGY INDEPENDENCE IN THE REGION IN THE  
LIGHT OF GLOBAL DISTURBANCES - A new reality

## FIRST ANNOUNCEMENT AND CALL FOR PAPERS

September 12 – 15, 2023, Zlatibor, Hotel Mona



Dear Energy Specialists,

The series of successfully completed international conferences in previous years certainly obliges us to invite you to take part in the traditional international conference which is being organized from **September 12-15, 2023, Hotel Mona, Zlatibor**. The high reputation that ENERGY conferences enjoy in the domestic and international professional circles requires both the right topic and attractiveness of the upcoming XXXVIII international conference, and therefore the name:

### **ENERGY 2023 - ENERGY INDEPENDENCE IN THE REGION IN THE LIGHT OF GLOBAL DISTURBANCES - A new reality**

Our Conferences have become the leading regional platform in the energy sector, where science and profession meet energy companies and the energy-related industry to analyze and improve the existing technical and technological solutions, regulatory framework and economic-financial environment and thus pave the way for energy development.

The strategic goals of the energy transition, which could be basically reduced to the decarbonization of the sector with the widespread use of renewable energy sources, are partly blurred by the current energy crisis. Future trends will tell whether the crisis is accelerating or slowing down the transition. The profession must analyze all aspects to find the optimal trajectory towards the decarbonized sectors of energy, transport, heating/cooling, industry, ... It is also necessary to answer to what extent the public, private sectors and citizens should take the burden of the energy transition. The energy specialists should also answer the question of whether nuclear energy is "green energy", which is increasingly advocating by an interest group of states with nuclear power plants. The open question is certainly whether energy companies know how to plan and then successfully manage energy systems with 100% renewable sources ... What will be the role of energy storage in future energy systems, will, in addition to pumped storage hydro power plants, utility scale battery energy storage systems be crucial and inevitable, and what are the future development trends? Can this be done without the use of hydrogen technologies, and if not, which part of the final consumption will be covered by hydrogen. Is it a third, or less, or even more than a third? We are facing a radical transformation of energy sector that cannot succeed without the application of a holistic concept, that is, without integral energy approach in the broadest sense of the word. Full digitalization of the sector is an urgent need to build a smart energy infrastructure in which decentralization of production is one of the important principles because prosumer institutions and the energy cooperative, i.e., micro-grid, enable locally produced green kWh not to put additional complexity for transmission system operator. It is already clear that only the complementarity of centralized and decentralized production can respond to the growing needs of electricity consumption due to electrification of the transport, heating, industry, ... On the other hand, the puzzle is unsolvable

without a proactive role of consumer side, and because of that load management and demand response getting more, and more importance.

The problems of balancing the energy system represent the main challenges in the process of decarbonization of the energy system. Successfully solving these challenges requires the development of energy storage technologies, which, in addition to traditional pumped storage hydropower plants, must also include new technologies, such as battery plants, green hydrogen technologies and heat storage. In addition to technological progress, the reorganization and regionalization of the electricity market is also necessary, primarily regarding the provision of power reserve services for balancing purposes. The development of the transmission system and the strengthening of interconnections is a prerequisite for the development of an efficient market and represents one of the main tasks in the development of regional security of the electric power systems.

Global challenges in areas of climate and environmental protection signify looking at the bigger picture and complex interdependencies on our planet, continent, union, energy community, region, and even housing community. A sustainable growth strategy should not be linked to the exploitation of expendable resources. This is especially important for our country and the region. The sustainability of the energy sector remains a permanent goal together with the well-known concepts of security of supply and the development of competitiveness in the energy sector. That is why, during this and all future international conferences, the Association of Energy Specialists will insist on an integral approach to energy and strive to make such concept the basis of both the Serbian and regional energy sector.

We believe that the following **topics** will dominate in the scientific and professional papers and contributions that will be submitted to the Program-Organizing Committee of the Conference:

- *strategic planning within energy transition process;*
- *just transition*
- *analysis of the current crisis in the energy sector;*
- *new possibilities for financing the energy transition with the specifics of energy regulations;*
- *modern power systems and smart technologies;*
- *modern technologies in the usage of coal, oil and gas and in the production of heat and electricity;*
- *modern technologies for energy storage and their integration in energy systems;*
- *analysis of energy systems (modern analytical methods and tools for modelling energy systems, energy surveys, systems analysis, results);*
- *connection between environmental protection, energy efficiency and optimal energy development;*
- *environmental, economic, and social effects of using renewable energy sources*
- *sustainable energy development from the perspective of reducing the impact on climate change;*
- *software tools aimed at increasing the speed and quality of design, construction and exploitation, as well as the energy efficiency of energy and industrial equipment and plants;*
- *modern scientific research, technical-technological improvements and innovations in the energy sector;*
- *modern control systems and automatic regulation in energy and process technology;*
- *student academic projects and*
- *promotional-marketing presentations and exhibitions about energy achievements in the energy sector, industry, agriculture, public I systems, traffic, construction, renewable and new energy sources.*

We believe that this 38th international gathering will have a significant and positive impact on the further development of the energy sector, both in Serbia and in the region. It will provide a chance for the best papers selected by the review jury of the Program and Organizational Committee of the Conference, and which will also be written in English (after passing additional reviews), to be published, not only in our scientific journal „[Energy, Economy, Ecology](#)“ (ISSN: 0354-8651), but also in the prominent international journal from the SCI list „[International Journal of Electrical Power & Energy Systems](#)“ (ISSN: 0142-0615). All information will be available through the [savezenergeticara.online](http://savezenergeticara.online).

Yours sincerely,



**Milun Babić**

President of the Assembly of the Association of  
Energy Specialists



**Nikola Rajaković,**

President of the Association of Energy Specialists

## ENERGY 2023 - ENERGY INDEPENDENCE IN THE REGION IN THE LIGHT OF GLOBAL DISTURBANCES - A new reality / areas of interest:

- (1) RENEWABLE ENERGY SOURCES (SUN, WIND, WATER, BIOMASS, BIOGAS, GEOTHERMAL ENERGY, ...);
- (2) CONVENTIONAL ENERGY AND ITS CONNECTIONS WITH ENERGY TRANSITION.
- (3) CONNECTING THE ELECTRICITY SECTOR WITH THE HEATING, TRANSPORT, AND INDUSTRY SECTORS.
- (4) ELECTRICITY NETWORKS AND ENERGY MARKETS.
- (5) ENERGY EFFICIENCY (HOUSEHOLDS, PUBLIC SECTOR, INDUSTRY, BUILDINGS...);
- (6) ENERGY STORAGE TECHNOLOGIES.
- (7) MULTISECTORAL TASKS IN THE FIELD OF ENVIRONMENTAL IMPROVEMENTS ON THE ROAD OF THE REPUBLIC OF SERBIA TOWARDS THE EU;
- (8) ECONOMIC AND REGULATORY-DEVELOPMENT ISSUES OF THE ENERGY SECTOR.

*In addition to oral presentations within several sessions, panel discussions will be organized. Competent speakers will be provided for all discussions (panels), and special guests (invited lecturers from the country and abroad), representatives of state bodies, energy and industrial companies and the scientific-research sector will also take part in the discussion.*

### Abstract instruction:

The abstract must be submitted in English in the following format:

- state the title of the paper with an abstract of up to 500 words, without commercial (advertising) elements, with up to five key words
- the abstract must not contain special characters, formulas, tables and images

### Paper instructions:

- The paper can contain a maximum of 8 pages, including the abstract, graphics, tables and other elements
- Authors are obliged to submit proofread work

*\*More detailed instructions for writing the paper will be provided with the abstract acceptance notification.*

<b>ABSTRACT SUBMISSION*:</b>	<b>February 23, 2023</b>
<b>ABSTRACT ACCEPTANCE NOTIFICATION:</b>	<b>March 2, 2023</b>
<b>PAPER SUBMISSION (papers to be reviewed):</b>	<b>April 15, 2023</b>
<b>PAPER REVIEW AND ACCEPTANCE NOTIFICATION:</b>	<b>April 29, 2023</b>
<b>REGISTRATION FEE DEADLINE FOR PAPER AUTHORS*:</b>	<b>May 31, 2023</b>
<b>CONFERENCE ABSTRACT SUBMISSION**</b>	<b>May 31, 2023</b>
<b>CONFERENCE PAPER SUBMISSION AND LATE REGISTRATION FEE DEADLINE**</b>	<b>July 16, 2023</b>

\* Papers submitted in this category, after being presented at the conference, could be selected for publication in the EEE journal, after peer review.

\*\* For abstracts or papers submitted within these deadlines, we are not able to guarantee a review or the possibility of publication in the journal.

ABSTRACTS AND PAPERS ARE SUBMITTED EXCLUSIVELY THROUGH:

[RADOVI.SAVEZENERGETICARA.ORG](https://radovi.savezenergeticara.org)

## REGISTRATION FEE AND ACCOMMODATION - HOTEL MONA

Categories WITH accommodation		Price (EUR)		
		Room type	Until May 31,2023	After May 31, 2023
A	AUTHORS	1/1 standard	350,00	388,00
		1/2 standard	275,00	313,00
		1/1 comfort	377,00	415,00
		1/2 comfort	293,00	331,00
		1/1 superior	392,00	430,00
		1/2 superior	302,00	340,00
		1/1 apt	407,00	445,00
		1/2 apt	250,00	352,00
B	OTHER PARTICIPANTS	1/1 standard	374,00	388,00
		1/2 standard	299,00	313,00
		1/1 comfort	400,00	415,00
		1/2 comfort	316,00	331,00
		1/1 superior	415,00	430,00
		1/2 superior	326,00	340,00
		1/1 apt	430,00	445,00
		1/2 apt	338,00	352,00

## REGISTRATION FEE

Categories WITHOUT accommodation		Price (EUR)	
		Until May 31,2023	After May 31, 2023
C	AUTHORS	95,00	135,00
D	OTHERS	120,00	135,00
E	STUDENT	70,00	80,00

\* 20% VAT is not included

### Registration fees include:

- accommodation based on 3 full boards (categories A and B) - service starts with lunch, ends with breakfast
- attendance at all lectures (all categories)
- welcome cocktail (categories A, B, C, D and E)
- coffee breaks (categories A, B, C, D and E)
- gala dinner (categories A, B, C, D and E)
- conference material (all categories)

## VENUE



**Zlatibor** is a mountain of exceptional beauty, with the altitude of 700-1500 m, in southwestern Serbia, located 235 km away from Belgrade and the nearest airport. It is featured by mild climate conditions, spacious glades and lush pastures intersected with mountain brooks and colored by torrential pine trees that this mountain was named after. It is at this very place that mountain air currents collide with marine air currents to improve

pulmonary and cardiac conditions, in particular those related to thyroid gland and anemia. On the outskirts of the Zlatibor central area, you can set out for an adventure – you can explore the beauty and vividness of both the nature and cultural & historical heritage. We sincerely hope you will have time to reveal the Zlatibor of your own.



**Hotel Zlatibor Mona** is surrounded by beautiful pine trees, located in the very center of Zlatibor. The hotel interior is carefully selected and designed to present the guests with a complete mountain experience during all seasons through a combination of traditional and modern elements, wooden paneling and the finest fabrics in warm tones. Hotel Zlatibor Mona offers 120 spacious and warm rooms and suites, equipped with all modern amenities necessary for a complete vacation and relaxation, including a bathroom, TV, cable TV with over 40 channels, safe, mini bar, blow dryer, telephone, and free internet connection. All accommodation units at the Zlatibor Mona Hotel are air-conditioned. In addition to the accommodation facilities, the hotel offers numerous leisure, entertainment and meal options, such as the Perun Restaurant, Vila Restaurant, Lada Bar, Little Mona playroom for children, and Inspirium - a fully equipped wellness center, which is available to all guests during their stay.

## KONTAKT I INFORMACIJE / Technical organizer:



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