

# 5<sup>th</sup> SEERC CONFERENCE

## Call for Papers

Sarajevo, Bosnia and Herzegovina, 4th – 5th June 2025

### OBJECTIVES & THEMES

The South-East European Regional Council of CIGRE (SEERC) is hosting the 5th conference to bring together experts in electric power systems and electricity markets. The goal is to accelerate decarbonization and support the transition to future energy systems.

The conference will cover advanced technologies in electric power systems and regional innovations in renewable energy. Additionally, a special history panel will examine the electrification history of the SEERC region, emphasizing the importance of historical context for future developments.

### CONFERENCE VENUE

Sarajevo, the capital of Bosnia and Herzegovina, is renowned for its rich cultural diversity and historic landmarks. It serves as the political, economic, and cultural hub of the country, offering a picturesque setting with stunning architecture, and scenic landscapes surrounded by mountains. The conference will take place at the Hotel Hills, Thermal & Spa Resort Sarajevo.

### CONFERENCE TOPICS

#### 1. Increasing energy efficiency of existing facilities and increasing renewable energy capacities

- Technologies to improve energy efficiency and encourage the adoption of renewable energy sources and decreased emissions of greenhouse gases; presenting interesting projects.

- Advantages of energy efficiency, including diminished energy expenditures, and enhanced energy dependability, energy audits, regulations, energy management systems.

- Renewable energy technologies, economic and environmental benefits of solar, wind, hydropower, and geothermal technology; regulatory frameworks for funding; collaborations between the public and private sectors.

#### 2. New technologies and methodologies for accelerated decarbonization and digitalization of electric power systems

- Advanced renewable energy integration and storage solutions. Internet of things, machine learning and smart grid technologies (artificial intelligence, sensor integration and predictive maintenance).

- Citizen's initiatives (energy communities, prosumers, e-mobility).

#### 3. Development of the electricity market balancing and dynamic regulation

- Integration of national balancing markets in Europe, harmonization of requirements for Balancing Service Providers.

- Opening of ancillary service markets to distributed energy resources and TSO/DSO cooperation.

- Storage device evolution, technical & economic performances, short/medium term measures for balancing the grid and managing the electric system in the long term.



#### 4. Resilience issues of the electric power systems

- The impact of climate change on the electric power infrastructure and the functioning of the electric power system.
- Electric power system adaptation concepts, strategies and innovative solutions to increase operational resilience.
- Electric power system security and resilience against cyber threats.

#### ALL STUDY COMMITTEES OF CIGRE

(A1, A2, A3, B1, B2, B3, B4, B5, C1, C2, C3, C4, C5, C6, D1, D2) are addressed.

## PROGRAMME

#### SESSIONS

- Sessions Opening Ceremony and Keynotes
- Sessions in 3 parallel tracks over two days
- Special Panels: History Panel, NGN Panel, WIE Panel
- Closing Session: June 5th at 17:30h

#### SOCIAL EVENTS

- Conference Dinner: June 4th at 19:00h at Hotel Hills.

## COMMITTEES AND CHAIRS

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#### Publication Chair

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## SUBMISSION GUIDELINES

Synopses should be 300 words or less and must provide a clear overview of the research objectives, methodology, and key findings.

Full papers should be in English, between 5,000 to 8,000 words (including references), adhering to the prescribed formatting guidelines.

Accepted papers will be presented during dedicated sessions and included in the conference proceedings.

Selected papers will receive awards and be published in the journal B&H Electrical Engineering.

#### IMPORTANT DATES:

- Synopses Submission Deadline ~~31.10.2024~~ 30.11.2024
- Notification of Synopses Acceptance ~~15.12.2024~~ 15.01.2025
- Full Paper Submission Deadline ~~28.02.2025~~ 15.03.2025
- Notification of Paper Acceptance ~~31.03.2025~~ 15.04.2025

For submission: [www.seerc2025.com](http://www.seerc2025.com)

## SEERC MEMBER NATIONAL COMMITTEES

Austria, Bosnia and Herzegovina, Croatia, Czech R. / Slovakia, Georgia, Greece, Hungary, Israel, Italy, Kosovo, North Macedonia, Montenegro, Romania, Serbia, Slovenia, Turkey, Ukraine

Join us to explore cutting-edge developments and collaborative opportunities in the field of electric power systems.

#### CONTACT DETAILS:

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For more information and registration please visit the conference website [www.seerc2025.com](http://www.seerc2025.com)  
[www.cigre-seerc.org](http://www.cigre-seerc.org)



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