

15th CONFERENCE ON ELECTRICITY DISTRIBUTION with regional participation

September 21-25, 2026, Kopaonik, Serbia

FIRST ANNOUNCEMENT AND CALL FOR PAPERS



Organizer:



CIREC Liaison Committee of Serbia is the professional and expert organization, dedicated to the exchange of knowledge and expertise in the technical field of electricity distribution. It gathers professionals and experts from power distribution companies, electrical engineering faculties and institutes, design, constructing and manufacturing companies from Serbia and the region.

More information at www.cired.rs

Supported by:



CIREC (Congrès International des Réseaux Electriques de Distribution) International Conference on Electricity Distribution - is the leading forum where the international electricity distribution community meets. CIREC works with the purpose of increasing the business relevant competencies, skills and knowledge of all those who participate in its activities. CIREC offers a biennial conference and exhibition where developments and best practices in technology and management of the technical side of electricity distribution are presented. Between conferences CIREC organizes specific Working Groups on current subjects of key interest to the electricity distribution community.

Additional information at www.cired.net

Next event (workshop) is in Brussels, Belgium, June 9 - 10, 2026.

CIREC Liaison Committee of Serbia in cooperation with other committees, as well as the companies and experts from the Serbia and the region, organizes the 15th Conference on Electricity Distribution of Serbia with regional participation from September 21 - 25, 2026, Grand Hotel, Kopaonik, Serbia.

CIREC LC of Serbia Organizing Committee for the 2026 Conference:

Zoran Simendic, PhD, Chairman of CIREC LC of Serbia

Goran Radovanovic, Vice president of CIREC LC of Serbia, Electric Power Distribution of Serbia, Belgrade

Dragoslav Jovanovic, PhD, Member of CIREC LC of Serbia

Slobodan Kujovic, Member of CIREC LC of Serbia

Sasa Stefanovic, member of the executive committee of CIREC LC of Serbia, Electric Power Distribution of Serbia, Belgrade

Marija Erdeljan, Technical Secretary of CIREC LC of Serbia, Electric Power Distribution of Serbia, Belgrade

Conference objectives:

Countries in the region are at the similar technical level of development and practice in electricity distribution with similar problems in operation and management of distribution networks. They are at different levels of restructuring, deregulation and privatization process of electric power industries and face the similar challenges in opening of electricity markets. The Conference should enable regional exchange of experience and practice in shared problems of technology development, reorganization and modernization of electricity distribution. The Conference will be accompanied with an interesting exhibition of equipment and services from the region.

Who should attend the Conference?

- Managers of Electricity Distribution Companies
- Engineers and experts in different fields of electricity distribution
- Users and maintenance engineers of electricity distribution equipment
- Manufacturers of equipment in energy and power distribution
- Professors, researchers and students
- Consultants and designer

Previous, 14th Conference, was attended by 827 registered participants. Number of commercial participants was 59. A total of 82 papers were accepted for the event.



PREFERENTIAL SUBJECTS (1-4)

EC 1: NETWORK COMPONENTS

Chairman: Vladimir ŠILJKUT, PhD, AD Elektroprivreda Srbije

1. Components for advanced power distribution networks and innovations in design

- modern constructions of network components,
- application of new and innovative technical solutions,
- use of new materials for making components,
- improvement of standards, technical regulations, technical and functional specifications for network components.

2. Components reliability, diagnostics and maintenance strategy

- components reliability, aging models, assessment of condition and lifetime,
- testing, monitoring and diagnostic methods of network components
- network components maintenance practice and strategy,
- life extension, retrofit and improvement of the characteristics of existing components.

3. Components modeling and application of modern software tools

- modeling of electrical distribution network components,
- digitization and "Digital twins" of network components,
- application of modern software tools for the analysis of electrical distribution network components,
- use of digital tools, Big Data, artificial intelligence and machine learning.

4. The impact of network components

- impact of network components on the living and working environment,
- limitation of visual and impact of noise and electromagnetic radiation,
- circular economy, eco-design, use of recycled materials, life-cycle analysis of network components,
- management of hazardous substances related to network components.

EC 2: POWER QUALITY IN DISTRIBUTION SYSTEMS

Chairman: Prof. Vladimir KATIĆ, PhD, Faculty of technical sciences in Novi Sad

1. Power Quality (PQ) and the impact of the application of new technologies

- voltage and current distortions and disturbances, harmonics, voltage sags, etc.,
- causes, spread, elimination, analyses, experiences, etc.,
- influence of DER, EV, LED, etc.;
- PQ in active networks and microgrids, network support, etc.,
- DC networks and PQ, management of PQ, interaction of large solar and wind power plants, HVDC, FACTS, etc.

2. Instrumentation and methods for measuring and monitoring PQ parameters from DC to 500 kHz

- diagnostic and measurement methods, procedures, etc.,
- instrumentation, equipment, integration, accuracy, etc.,
- digitalization, standardization of measurement formats,
- processing of measurement results, big data, application of AI, etc.

3. Domestic and international technical regulations

- standardization procedures, work of standardization commissions, etc.,
- domestic and international standards, state of application,
- current issues of technical regulations and procedures, field experiences,
- immunity and security issues, etc.

4. Over/under voltages and protection, electromagnetic compatibility, safety, and interference

- causes of over/under voltages,
- protection against overvoltage in distribution networks,
- grounding disturbances and impact on PQ and other related topics,
- low-frequency electromagnetic disturbances,
- the impact of PQ on the lifetime of equipment, etc.

EC 3: PROTECTION AND CONTROL OF THE ELECTRIC DISTRIBUTION NETWORKS

Chairman: Dušan Vukotić, M.Sc.E.E., DSO „Elektro distribucija Srbije“

1. OPERATION

- maintenance strategies and condition assessment,
- workforce management tools and techniques to improve operation efficiency,
- data demand, data management and documentation,
- restoration strategies and crisis management,
- occupational safety and health (OSH) activities, when performing work in power facilities.

2. PROTECTION

- the strategies during replacing SCADA systems, reconstruction of the protections and implementation of the substation automation systems,
- impact of active networks on traditional protection and control systems,
- protection simulation models, tools and new functions,
- testing of protection relays, functions and systems,
- post mortem analyses of faults and fault records.

3. CONTROL

- the automation of electric distribution networks,
- the coordination between TSO-DSO,
- the usage of energy application within electric utilities,
- implementation of system services at the electrical distribution level,
- voltage control in MV and LV grids.

4. COMMUNICATION

- the digitization of electric distribution networks,
- the usage of communication systems for protection and network operation,
- security aspects of information access and information exchange,
- interdependency of network control and communication infrastructure,
- centralized management and monitoring of communication networks.

EC 4: DISTRIBUTED ENERGY RESOURCES AND EFFICIENT UTILISATION OF ELECTRICITY

Chairman: ass. prof. Željko POPOVIĆ, PhD, Faculty of technical sciences in Novi Sad

1. Integration and managing of distributed energy resources (DER) in distribution networks

- active distribution network management in the presence of DERs,
- development of control algorithms and philosophies,
- hosting capacity analysis in distribution networks,
- micro-grids,
- electrical vehicles and charges.

2. DER roles in business processes in distribution systems

- coordinating and managing DER and active customer activities across TSO-DSO interface,
- benefits of energy storage and related control approaches,
- active control of DER for whole system optimisation, efficiency, and security,
- role of DER in improving resilience of distribution networks,
- demand response.

3. Efficient usage of electrical energy

- reducing network losses in distribution systems,
- improving the efficiency of distribution systems,
- role of distribution systems in delivering low carbon, sustainable energy supplies,
- load forecast and forecast of production from renewable sources.

4. Smart metering and advanced metering infrastructure (AMI)

- usage of smart meter information,
- analytics and AMI case studies,
- cost benefit analysis of AMI systems.



PREFERENTIAL SUBJECTS (5,6)

EC 5: PLANNING OF POWER DISTRIBUTION SYSTEMS

Chairman: Aleksandar JANJIĆ, PhD, GOPA - International Energy Consultants GmbH

- Forecasting electricity consumption and production:**
 - methodologies for production and consumption forecasting,
 - forecast of Intermittent Distributed Sources.
- Performance of distribution networks:**
 - comparison of economic and technical performance,
 - reliability of the system,
 - technical and non-technical losses,
 - increasing resilience to low-probability, high-risk extreme events.
- Network structures:**
 - innovative solutions to enable the energy transition (e.g. integration of RES, electric vehicles, direct current distribution, flexibility),
 - active Grids and Smart Grids,
 - microgrids and local energy communities.
- Planning methods:**
 - modeling of consumption and production,
 - power flows, short-circuit calculation,
 - determination of capacity for connection of new sources and consumers.

EC 6: ELECTRICITY MARKET AND DEREGULATION

Chairman: Nenad Katić, PhD, CIRED Liaison Committee of Serbia

- The Electricity Market:**
 - strategic directions of the further electricity market opening,
 - opening of electricity market, experiences, and practice,
 - restructuring of electricity sector in the region, practice, and experiences,
 - the status of opening of electricity market.
- Regulatory models:**
 - the roles and competencies of Regulators,
 - regulatory models and methodologies for energy activities,
 - improvements of regulatory models,
 - international cooperation and correlation of regulators,
- Roles of Market Participants:**
 - roles of participants in the electricity market,
 - transformation of the end-user's role: from consumer to active customer,
 - opportunities for market participants to participate in flexibility markets, redispatching, etc.,
 - recommendations for the improvements of regulation.
- Distributed Energy Resources in competitive environment of open electricity market:**
 - the position of distributed energy resources on the electricity market,
 - profitability of investments in distributed energy resources,
 - opportunities for more intensive integration of distributed energy resources,
 - recommendations for the improvements of regulation.

ABSTRACT SUBMISSION

Deadline for abstract submission is ~~January 26, 2026~~ **February 15th 2026.**

Abstracts and papers must be submitted via an online application:
radovi.cired.rs

At the page given above authors are registering and creating an account which they will use to submit both abstract and the final paper.

ANNOTATION: If you have changed your email address in the meantime, and you had a previously opened account on the web application radovi.cired.rs, after logging in with the old email address, by clicking on your name and surname in the upper right corner, then by clicking on [Change data] you can change your email address, as well as other personal data.

- Abstract (max 500 words) should be without commercial aspects
- Abstract cannot contain special signs, formulas, tables or images and photographs

Authors (contact persons) will be notified of abstract acceptance not later than ~~February 23, 2026~~ **March 6, 2026** when they will be given paper instructions.

Deadline for submission of full paper is **April 27, 2026.**

Notification of acceptance of final paper will be delivered until **July 5, 2026.**

Deadline for authors for paying the fee is August 14, 2026. Payment of fee within the given deadline is obligatory condition for including the paper in the conference program, book of abstracts and conference proceedings. Papers not included in the program cannot be presented at the conference.

REGISTRATION FEE

Registration fee is **OBLIGATORY** for all participants of the conference.

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|----------------------------|--------------|
| 1 Full registration fee* | 150 € |
| 2 Author's fee* | 100 € |
| 3 One day fee* | 50 € |

*Prices do not include VAT.

Participants that are not the authors of papers can also gain the right for the lower fee in case when the firm from which they come from over five participants have already applied (first five participants pay the full fee and other the lowered one).

Students are free of charge for the registration fee.

* Fees (1,2) include accreditation, attendance, welcome cocktail, gala dinner and conference materials

* One day fee (3) includes accreditation and conference attendance

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