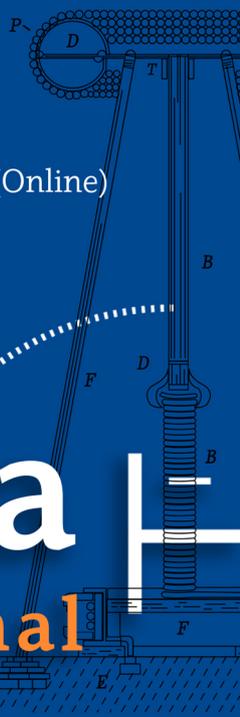
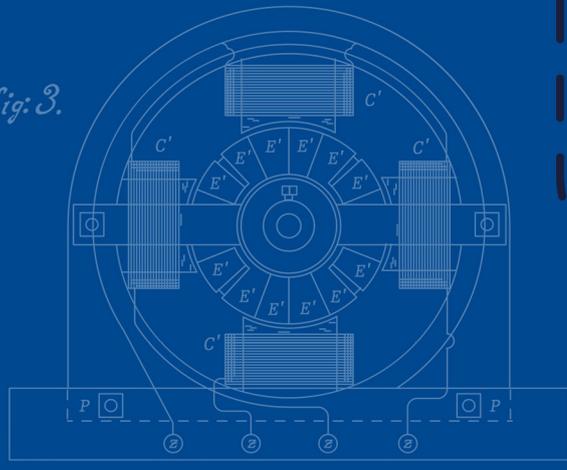




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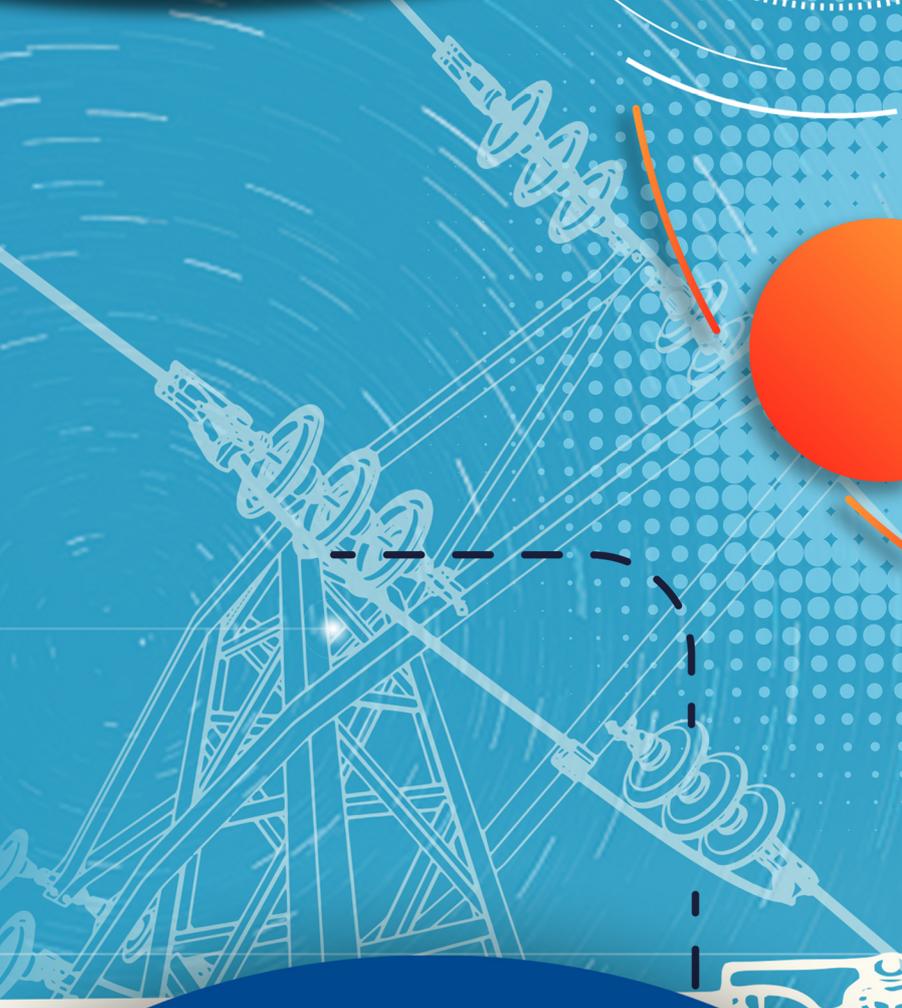
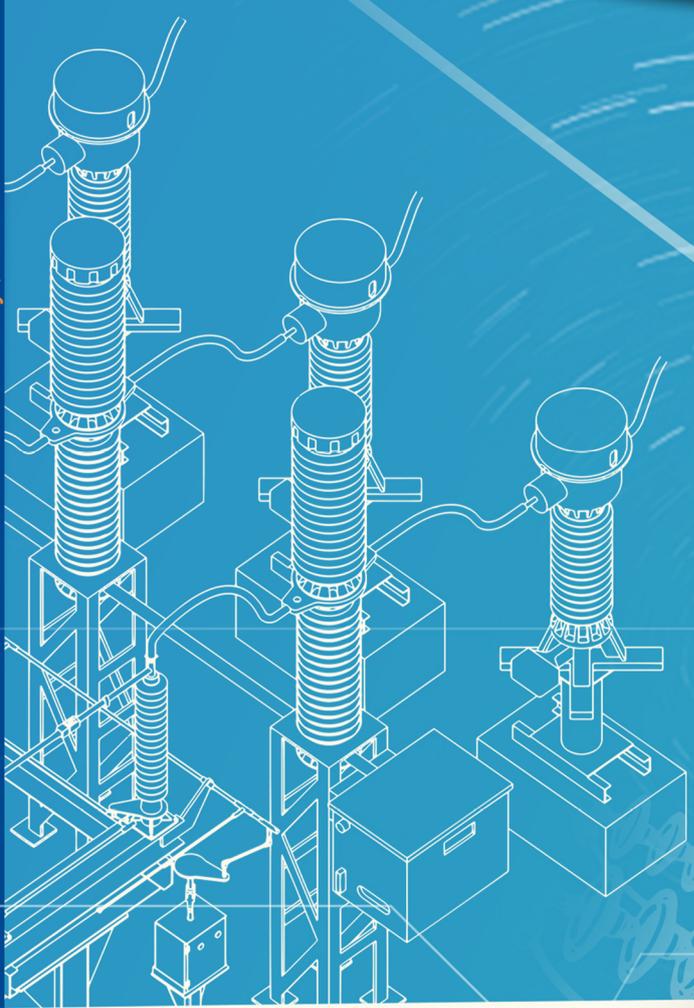
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Volume 3, Issue 2

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EDITORIAL WORD

Dear readers and collaborators,

You are holding the latest issue of *Elektroprivreda – Electric Power Industry Journal*, the fourth installment since the Journal's relaunch and the first published in digital format, two years ago (August 2, 2023). This issue represents a further special edition, featuring expanded and enhanced manuscripts of four selected papers recognized at the 14th CIRED Serbia national conference with regional participation.

The first article analyzes underground single-core cables laid in a triangular formation, featuring metal screens that are galvanically bonded and grounded at only one end. It explains the rationale behind employing a parallel Earth Continuity Conductor (ECC) in cable lines utilizing this specific screen-bonding method. The study outlines procedures for evaluating ECC temperature, minimum conductor cross-section, and the maximum allowable earth fault current based on the ECC's proximity to the cable line. Temperature calculations were performed using the finite element method. The article provides a detailed examination of the factors that should be considered when implementing an ECC. The findings offer valuable insights for the broader professional community engaged in power cable applications.

The second article traces the evolution of automation strategies for medium-voltage electricity distribution networks (MV EDNs), highlighting the shift from decentralized approaches and integration with Remote Control Systems (RCS) toward advanced functionalities driven by rapid digitization. It emphasizes the importance of power supply reliability as a key motivator for further automation efforts. The study explores future development paths, including a semi-decentralized architecture incorporating network controllers, as well as controller-less models utilizing predefined application algorithms embedded in MV EDN automation equipment. The article provides a comparative analysis of implemented solutions, discussing their benefits and potential drawbacks.

The following article addresses the digitization of low-voltage electricity distribution networks (LV EDNs) through the deployment of 'smart' electricity meters. These devices offer near real-time monitoring and control capabilities, capturing a wider range of physical parameters and operational data. This functionality creates new opportunities for distribution system operators (DSOs), providing deeper insight into network events and enabling more effective analysis. The article specifically explores methods for identifying phase configurations and detecting power interruptions in LV networks, using event data recorded by smart meters.

The final article examines the potential consequences faced by distribution system operators (DSOs) when deviating from predefined quality benchmarks. It emphasizes the timely and critical issue of regulatory reform within the energy sector, presenting a model that directly links power supply quality to financial incentives. As an illustrative case, it describes the 'Methodology for Determining the Regulatory Allowed Income and Prices for Electricity Distribution System Usage' in Montenegro, focusing on the component that defines target values for general power supply quality indicators, specifically measured using the SAIDI parameter.

We hope this issue's content proves both engaging and informative. We would like to renew our cordial invitation for readers to actively participate by submitting manuscripts to the Editorial Board. In addition to full articles, we also welcome discussions, critiques, and personal viewpoints related to previously published pieces, as well as contributions addressing specific professional and scientific issues raised therein. All submissions will be carefully reviewed for consideration in future editions of the Journal.

On behalf of the Editorial Board,



Vladimir Šiljkut (Shiljkut), Ph.D.E.E.
Editor-in-Chief

Guest Editor Preface

Dear readers,

You are holding the latest issue of *Elektroprivreda – Electric Power Industry Journal*. This special edition is dedicated to selected award-winning papers presented in September 2024 at the 14th Conference, held on Kopaonik Mountain and organized by CIRED Serbia, our National Committee for Electricity Distribution Networks.

It is worth noting that the National CIRED Committee of Serbia, following the model established by the international CIRED (*Congrès International des Réseaux Électriques de Distribution*), operates through six specialized Expert Committees (ECs):

- EC 1 – Network Components;
- EC 2 – Power Quality in Distribution Systems;
- EC 3 – Protection and Control in Distribution Networks;
- EC 4 – Distributed Generation and Efficient Use of Electricity;
- EC 5 – Distribution Systems Planning;
- EC 6 – Electricity Market and Deregulation.

National conferences with regional participation are held every even-numbered year. At these events, each EC presents an award for the most outstanding paper related to its area of expertise in electricity distribution. Additionally, a seventh award may be presented by CIRED Serbia's National Committee for a paper showcasing a significant technical innovation. This was the case at the 14th Conference, where that additional prize was also awarded.

Following the joint invitation from the permanent Editorial Board of the Journal and the management of CIRED Serbia, most authors of the papers awarded in September 2024 submitted expanded and enhanced versions of their work. As in the first issue of the renewed *Elektroprivreda* Journal—dedicated to award-winning papers from the 13th CIRED Serbia 2022 Conference—each manuscript in this edition has been extended by at least one-third, significantly refined, and thoroughly reviewed, in line with the standard procedure applied to submissions for regular issues of *Elektroprivreda*. After careful coordination between authors, reviewers, and proofreaders, we are proud to present a selection of outstanding contributions from authors in Serbia, Montenegro, and Slovenia. Each paper received at least two positive peer reviews and final approval for publication.

With this publication, CIRED Serbia continues its collaboration with *Elektroprivreda* as a partner journal, aiming to serve the interests and satisfaction of all—especially, we sincerely hope, the honored authors and dedicated readers. We believe the articles featured in this special edition will appeal to professionals in the field, offering both scientific insight and practical value to the electricity distribution and power industries. We hope it will inspire researchers from Serbia and abroad to contribute their work to future issues of the *Elektroprivreda* Journal.

On behalf of the Guest Editorial Board
of the Special Edition of the Journal,



Zoran Simendić, Ph.D.
Guest Editor-in-Chief

Marko M. Šučurović¹, Dardan O. Klimenta², Dragan S. Tasić³

Determining the Temperature and Earth Fault Current of an Earth Continuity Conductor of Power Cables with Metallic Screens Bonded and Earthed at One End

¹ University of Kragujevac, Faculty of Technical Sciences, Čačak, Republic of Serbia*² University of Priština in Kosovska Mitrovica, Faculty of Technical Sciences, Kosovska Mitrovica, Republic of Serbia³ University of Niš, Faculty of Electronic Engineering, Niš, Republic of Serbia

Review article

Highlights

- The paper presents examples of power cable installations using large single-core cables with metallic screens bonded and earthed at one end only
- It explains the purpose of an Earth Continuity Conductor (ECC) and outlines a method for calculating its minimum cross-sectional area
- The temperatures of selected ECCs are calculated numerically, followed by an analytical determination of the maximum permissible earth fault currents, based on the ECC's distance from the cable line

Abstract

When a power cable line comprises large single-core cables, significant circulating currents and losses may occur in the metallic screens. If cross-bonding of these screens is not technically or economically justified, they can instead be bonded and earthed at one end only. This interrupts the earth fault current path, necessitating the use of an additional protective conductor – commonly referred to as an Earth Continuity Conductor (ECC) – to interconnect the local earthing systems at both ends of the line.

To prevent thermal damage to its insulation during fault conditions, the ECC must be accurately sized. Since it is placed near the power cables, it may be exposed to high ambient temperatures. This paper performs numerical calculations to assess the thermal behaviour of copper ECCs insulated with PVC and cross-linked polyethylene (XLPE), taking into account various distances from the power cables.

Following the temperature simulations, analytical methods are used to determine the maximum permissible earth fault currents for ECCs with cross-sectional areas of 240 mm² and 300 mm². These calculations are based on single-core power cables of the Cu/XLPE/CTS/PVC/AWA/PVC 19/33 kV type (BS 6622), with conductor cross-sections of 800 mm² and 1000 mm². It is assumed that the cables are laid directly in soil, without considering soil drying, and that due to transposition at the midpoint of the line, no circulating current flows through the ECC itself.

Keywords

Earth Continuity Conductor (ECC), Finite Element Method (FEM), Metallic Screen Bonding Design, Trefoil Formation, Underground Power Cable

Notes:

The full text of this article is available only in the Serbian language. In the English version, only its Abstract (above) is available.

This article represents an expanded, improved and additionally peer-reviewed version of the paper "Calculating Minimum Cross-Sectional Area of the Parallel-Earthing-Conductor for Underground Power Cables in Trefoil Formation with Metallic Screens Bonded and Earthed at One End", awarded by Expert Committee EC-1 Network Components at the 14th CIRED Serbia Conference, Kopaonik, September 16-20, 2024

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UDC: 621.316.012

Dušan Vukotić^{1*}, Božidar Ćirić¹, Stojan Šiškoski¹

Evolution of the Concept of Automation of Underground Medium Voltage Electric Distribution Networks

¹„Elektrodistribucija Srbije“ Ltd. Belgrade, Serbia

Professional article

Highlights

- Automation of the MV electric distribution network is the backbone of "Smart Grids".
- The need to significantly improve the previously applied concept of automation of the MV electric distribution network.
- The improved concept of automation of the MV electric distribution network enables efficient restoration of power supply to end users after a fault occurs.

Abstract

More than two decades ago, the concept of automation of the MV electricity distribution network was adopted for the electric distribution area of the city of Belgrade, which was the initial basis for further intensive automation of the MV electric distribution network. The concept of the MV electric distribution network was primarily based on a decentralized concept, where a large number of elements were planned for integration into the SCADA system, with the possibility of activating standard predefined local automation functions. As there has been a significant functional improvement of the equipment for automation of the MV electric distribution network during the last decade due to intensive digitalization, further directions in terms of improving the existing automation concept, where a large number of automated points within the MV electric distribution network would need to be redefined. Additionally, the requirements regarding the increasing reliability of the MV electric distribution network have led to a situation where it is necessary to increase the degree of automation of the MV electric distribution network, but also to ensure a much higher degree of coordination between the embedded equipment for the automation of the MV electric distribution network. For the above reasons, it was necessary to start implementing new modern concepts of advanced automation of the MV electric distribution network, which were supported by the latest generation of equipment and solutions from the world's largest equipment manufacturers. One solution included the implementation of a semi-decentralized concept with network controllers, while the other solution included the implementation of a solution without a network controller with a predefined application algorithm within the embedded and integrated equipment for the automation of the MV power distribution network.

Keywords

Advanced Automation, Smart Grids, MV Network

Notes:

The full text of this article is available only in the Serbian language. In the English version, only its Abstract (above) is available.

This article represents an expanded, improved and additionally peer-reviewed version of the paper "Comparative Analysis of the Implementation of Advanced MV Electric Distribution Network Automation Solutions", awarded by Expert Committee EC-3 Protection and Control in Distribution Networks at the 14th CIRED Serbia Conference, Kopaonik, September 16-20, 2024

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Danijel Davidović^{1*}, Dalibor Crnoja¹, Sreten Davidov²

Event-Based Identification of Phases and Outages in LV Networks with Smart Meter Data

¹ Elektro Ljubljana d.d., Ljubljana, Slovenija,² EIMV, Ljubljana, Slovenija,

Professional article

Highlights

- Smart meters provide data for monitoring and control of LV networks.
- Smart meters can enable real-time alarms for outages in the LV network.
- Real-time data will allow further optimization of the outage detection process in DNOs.

Abstract

DNOs are facing various challenges on the LV grid. Challenges result in more unpredictable variations of loads and voltage. To get remote monitoring over the LV grid DNOs need to enable digitalization of the LV network with implementation of smart meters. Smart meters are vital for the LV network since voltage, current, consumption, power to different alarms, and additional functions can be used to monitor and control the LV feeders and users. Moreover, smart meters are still improving. Today they are capable to provide data near real-time. With such data DNOs can detect various events on the LV network like outages, overloads, phase imbalance, etc. Furthermore, with real-time smart meter communication, DNOs may ensure contingency and continuity of the processes.

This paper will further present an event-based identification of phases and outages in LV networks with smart meter data. The expected contributions of the paper are the following:

- i) Linking the events on smart meter data with power-up, power-down to determine unique outage events for reporting.
- ii) Possible phase identification of single-phase users using the power-up, power down information or phase outages events.
- iii) Using smart meter information from real-time alarming and find communication reliability in aggregating LV feeder outages.

Keywords

Alarms, Events, LV network, Meters, Outages, Phase-identification

Notes:

The full text of this article is available only in the Serbian language.
In the English version, only its Abstract (above) is available.

This article represents an expanded, improved and additionally peer-reviewed version of the paper "Event-Based Identification of Phases and Outages in LV Networks with Smart Meter Data", awarded by Expert Committee EC-4 Distributed Generation and Efficient Use of Electricity at the 14th CIRED Serbia Conference, Kopaonik, September 16-20, 2024

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UDC: 621.316(497.16)

Katarina Kovačević¹, Uroš Ognjenović¹

Prediction of Regulatory Allowed Revenue Based on General Quality Indicators of the Distribution System Operation

¹ Montenegrin Electricity Distribution System, Podgorica, Montenegro*

Category of article: (Editor's input)

Highlights

- Regulatory allowed revenue will vary depending on the performance against target quality parameters
- The impact of the quality factor is subject to a delayed effect, typically averaging four years
- Network investments take on increased significance under this framework

Abstract

As of 1 January 2027, the regulatory allowed revenue of Montenegro's electricity distribution system operator will be determined based on target values for general quality indicators of system performance. This paper outlines the Methodology for Determining the Regulatory Allowed Revenue and Tariffs for Use of the Electricity Distribution System, with a particular focus on the section concerning these target quality indicators. The paper provides a review of historical data, compares it with available figures from comparable systems, and presents projections for the 2025 general quality indicators. This serves as a foundation for estimating the distribution system's regulatory allowed revenue for the 2027–2029 period. The aim is to assess how varying target levels of general quality indicators may influence the allowed revenue of the distribution system operator. The paper concludes with key findings derived from the analysis.

Keywords

Distribution System Operator, General Quality Indicators, Regulatory Allowed Revenue

Notes:

The full text of this article is available only in the Serbian language. In the English version, only its Abstract (above) is available.

This article represents an expanded, improved and additionally peer-reviewed version of the paper „Assessment of the Impact of System Reliability Indices on Regulatory Approved Revenue“, awarded by Expert Committee EC-5 Distribution System Planning at the 14th CIRED Serbia Conference, Kopaonik, September 16-20, 2024.

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EDITORIAL POLICY AND TOPICS OF THE JOURNAL

When the Journal *Elektroprivreda* was relaunched, it was decided that it would take on a scientific and professional focus and be redesigned with a broader concept. It is now published in both Serbian and English.

English-language publication is reserved for manuscripts authored by individuals from Serbia and the surrounding region who wish to publish in English, provided the Editorial Board and peer reviewers determine the work offers significant contributions and may be of interest to readers beyond the Serbian-speaking community. The Journal also welcomes submissions from international authors whose original manuscripts are in English. With their consent, accepted papers will be translated and published in Serbian as well. Serbian-language articles are available in both Cyrillic and Latin scripts.

The Journal is published twice a year exclusively in digital format, following an Open Access model. There are no publication fees for accepted manuscripts—authors are not charged, nor are they compensated by the Publisher for submitted or published work.

Submissions must be original and must not have been published or publicly presented anywhere in the world prior to their debut in *Elektroprivreda*. Exceptions apply only to special issues of the Journal featuring selected papers from partner conferences. In these cases, the manuscript must be expanded by at least 30% compared to the original conference presentation, undergo improvements, and pass the same peer review process as regular submissions.

Only manuscripts that receive at least two positive reviews from qualified experts in the relevant field – or a majority of favorable evaluations if more reviewers are involved – can be published.

The Journal accepts and publishes original scientific and research-oriented papers, particularly those that align with its thematic scope:

- new technologies for providing, processing and exploitation of primary energy resources,
- generation, transmission and distribution of electricity,
- storage and conversion of electricity and heating energy,
- rational consumption of electricity and heating energy,
- development of renewable energy sources,
- information and telecommunication systems,
- organization of power system operations,
- environmental protection,
- rehabilitation of power facilities,
- inventions and innovations,
- restructuring and privatization process in an energy sector,
- electricity markets,
- application of EU legal regulations within the scope of energy; and
- other related disciplines.

The Journal is envisioned as a platform for sharing expertise, fostering constructive dialogue, and encouraging the exchange of professional viewpoints among practitioners, researchers, and innovators from academic and industrial settings. Its aim is to promote open discourse on strategic development and the adoption of emerging technologies. Such collaboration may help identify effective technical, technological, legal, economic, and organizational responses to the pressing challenges posed by decarbonization, digitalization, and the transition of the power sector toward sustainable development.

On behalf of the Editorial Board,

Mr. Vladimir Šiljkut, Ph.D.E.E.
Editor-in-Chief

CLASSIFICATION (RANKING) OF MANUSCRIPTS

When reviewing manuscripts and completing a Reviewer's Report, reviewers propose and Editorial Board - in case manuscripts are accepted for publication - determine their category (rank). Classification (ranking) of manuscripts will be done as per the *Rulebook for classification and ranking of scientific journals* (Official Gazette of Republic of Serbia, No. 80/2024 as of 4 October 2024) and the table provided herein:

Scientific articles:	
Original scientific and research paper	Paper presenting previously unpublished results of own research done by a scientific method
Review paper	Paper including original, detailed and critical view of a research problem or discipline where the author(s) made some contribution
Short or pre-communication	An original scientific paper in full form, but less extensive or preliminary in nature
Scientific critique, i.e., discussions and reviews	Discussion of some scientific topic based only on scientific arguments and by applying scientific methods
Professional articles:	
Professional paper	Article offering experience useful in promoting professional practice, but which are not necessarily based on a scientific method
Information article	Editorials, comments, and similar
Report	A book report, computer program report, case report, scientific event report, and similar
Expert critique, i.e., discussions and reviews	Discussion of a certain professional topic

UDC: (Editor's input)

First A. Author¹, Second B. Author², Third C. Author³, ...

Instructions for the Preparation of Article - the Title of the Article

(NOT MORE THAN FOUR LINES)

¹ Affiliation of the first author - institution, city, country*

² Affiliation of the second author - institution, city, country (if differs from 1)

³ Affiliation of the third author - institution, city, country (if differs from 1, 2)

...

DOI: (Editor's input)

Category of article: (Editor's input)

Highlights

- Key aspects and messages of the work should be presented in a maximum of four short items/bullets
- The sentences of these items must be short, concise, auxiliary verbs can be omitted
- E.g.: The structure and design of work for publication are considered by the instruction

Abstract

The Abstract of the article should contain a concise description of the problem, applied methods and conclusions. It is an essential part of the article and should be clear and concise. The Abstract should be informative, giving an overview of the issues, the procedure and the main conclusions, results, and their significance. Do not write in the first person, do not list references and equations, and avoid abbreviations. It should not contain more than 300 words (in Serbian) to 350 (in English, including definite and indefinite articles before nouns).

Keywords

Specify up to six keywords, separated by commas

Received: (Editor's input) Reviewed: (Editor's input)

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*Corresponding author: (phone)

E - mail:

1. INTRODUCTION

The *Elektroprivreda* journal publishes categorized articles: original scientific papers, previous announcements, reviews and technical papers in the field of electrical engineering and energy.

All papers are subject to review. The authors are solely responsible for the originality of the paper, the quality and reliability of the results. By submitting the paper, the authors accept all the rules specified in these Instructions.

This document contains paper preparation instructions. Authors are requested to fully comply with these Instructions when preparing their paper to avoid any problems when printing the paper.

The document is a sample for *Microsoft Word* (version 7 and higher) and is also an example of the desired paper formatting. It contains all the necessary information about the paper format, font type and size, as well as the rules explaining the procedures related to equations, units of measurement, figures, tables and other parts of the paper.

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The paper should not be more than ten pages long (without the list of references and the title, key messages, short content and keywords in English), except in the case of review papers and special editions of the Journal with extended award-winning papers from conferences, in which case the number of pages is not limited, nonetheless it is recommended that it should not be more than 16 pages long.

The original paper should be presented in A4 format (210x297) mm. The text of the paper should be justified. All margins should be set to 2 cm. The text of the paper should be single-spaced. The paper can be written in Serbian or English. (The editorial board decides which paper will be translated into another language, in order to make them available to as many readers as possible.) The font size for individual parts of the text is as in these Instructions. Complete mathematical derivations should be avoided in the paper. The necessary derivation may be given, if necessary, as a whole, in the form of one or more attachments.

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2. CHAPTER TITLE (for example: TEXT PREPARATION)

For greater clarity, the text of the paper should be divided into chapters and subchapters. Chapters and subchapters should be numbered with Arabic numerals, subchapters with numbers separated by a period. Please separate the titles of chapters and subchapters from the text before and after the title with one blank line. Line breaks in the text title or subtitle should be avoided.

2.1 Subchapter levels

With subchapters, it is not desirable to go lower than the second level, for example 2.1, 3.3, etc.

2.1.1 Third subchapter level. It is allowed only exceptionally, if this contributes to the methodological and general clarity of the paper text and if written, similar to the subchapter titles, in bold lowercase letters, but ending with a period, after which, in continuation of such line and written in normal font, the first sentence of this subchapter begins.

2.2 Positioning of tables and diagrams

Tables, figures and diagrams may, if necessary, be in one or both columns. All figures and tables should be placed in the text close to, but not in front of, the place in the text where they are first mentioned. Figures and tables in the appendices should be marked in the same way as in the text of the paper.

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In the middle of the first page, the paper title is indicated in bold letters, size 16, *Times New Roman* type. Below the title, the full names and surnames of the authors are listed in size 11 letters. The author's affiliations are listed below the names and surnames, in size 10 letters. After specifying the authors' data, the first page lists the key messages of the paper, a summary of the paper and keywords, in size 11 letters.

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2.5 Equations

Equations should be placed in the middle of the text and numbered with Arabic numerals in small (round) brackets along the right margin of the text. Mathematical software (*Microsoft Equation Editor for MS Word* or *MathType*) should be used for equations. E.g:

$$I_F = I_B = -I_C = \frac{-J\sqrt{3}E_A}{Z_1 + Z_2} \quad (1)$$

Equations should be separated from the text before and after the text with a 6pt space. Symbols used in an equation must be defined before they appear in the equation or immediately after the equation. Reference to an equation in the text is made by specifying the equation number in round brackets (1). If the sentence begins with a reference to an equation, then please use "Equation (1) is ...".

2.6 Tables

Tables should be inserted in the text where they are first mentioned or immediately after. They should be marked with Roman numerals, and the number and name of the table should be placed above the table. E.g:

Table I Duration of simulations and memory usage

ISCAS circuit	CPU time [s]	Memory usage [MB]
c17	2	3.9
c432	62	68.7
c880	160	152.6
c1355	283	178.8

2.7 Figures

Figures should be carefully prepared and inserted into the text in the designated place. The figure number and name must be below the image. Figure number should be marked with Arabic numerals. For the sake of better understanding, please avoid excessive information in the figures. All comments related to figures should be in the header. Typescripts should be chosen carefully to ensure clarity. Please attempt to describe the figure axes with words, not just symbols. For example, it is better to specify the *time t*, rather than just *t*. Symbols for units of measurement should be placed in parentheses.

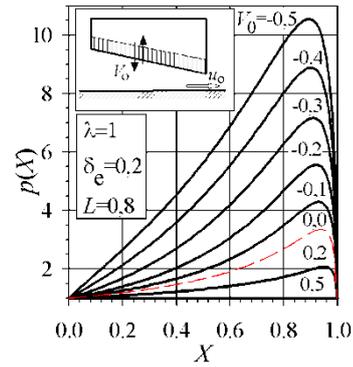


Figure 1. Figure description

3. CONCLUSION

Although the conclusion should contain an overview of the key results of the paper, it should not repeat the part stated in the Summary. The conclusion may explain the importance of the paper or suggest possible applications of the achieved results and provide guidelines for further research on the issues covered by the paper.

ACKNOWLEDGMENTS

Acknowledgments for sponsorship, funding or assistance, if any, should be given as a separate, unnumbered section before the list of references. Please use the singular in the title even when there are several acknowledgements.

REFERENCES

The list of references should be provided at the end of the paper in a separate, unnumbered section. References should be numbered with Arabic numerals in square brackets, according to the order of citation in the text of the paper. When citing, please make sure that the references are accurate and complete, ie. they should fully describe the data sources.

All mentioned references must be directly cited in the text of the paper by stating the reference number in square bracket. Please do not limit yourself to listing your references, but also list relevant references from the field under consideration.

Below are examples of how to cite references: a paper published in a journal [1], a book [2], a chapter in a multi-authored book [3], a paper published in a conference proceedings [4] and an article taken from a website [5].

- [1] Šiljak D. D, Stipanović D. M, "Robust Stabilization of Nonlinear Systems - the LMI Approach", *Mathematical Problems in Engineering*, Vol. 6, No. 5, pp. 461-493, 2000.
- [2] Marković Z., "Granična stanja čeličnih konstrukcija prema evrokodu", Akademska misao, Beograd, 2014.
- [3] Deavours D., "UHF RFID Antennas", in: Bolić M. (Ed.), *RFID Systems - Research Trends and Challenges*, Ch. 3, Wiley, New York, 2010.
- [4] Očokoljić G., Živković S., Subotić S., "Aerodynamic Coefficients Determinations for the ATM Model with

Lateral Jets Simulation - Experimental and Numerical Methods”, Proc. 4th International scientific conference on defensive technologies OTEH 2011, Belgrade, Serbia, pp. 17-22, 6-7 October 2011.

- [5] Vukić B., “Društvene igre za visokopozicionirane poslovne ljude” [Internet]. Beograd; Novi Sad: Adizes Southeast Europe; 2010 [citirano 19.03.2012]. Dostupno na: <http://www.asee.rs/?page=142&oi=69>

APPENDIX (ATTACHMENT) 1

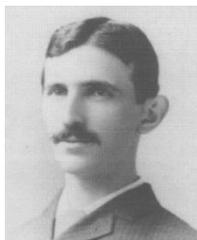
Appendices, if necessary, should be listed after the References. If there are more, they should be numbered with Arabic numerals. In case the attachments contain

Table A.1 Name of the first table of the appendix

Heading	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Row 1							
Row 2							
Row 3							
Row 4							
Row 5							
Row 6							

BIOGRAPHIES

A short biography should be provided for each author. Please start with the author’s first and last name and give his/her short, mostly professional biography. A photo of the author should also be included. A sample biography is provided below.



Nikola Tesla was born in Smiljan in the Austrian Empire on 9 July 1856. He graduated from the Austrian Polytechnic School in Graz and studied at the University of Prague. His work experience included American Telephone Company,

tables or figures, they should be numbered with the letter “A” followed by a period and a serial number (namely: for tables in Roman, from “I” onwards, in a uniform order for all attachments; and for figures in Arabic, from “1” onwards, uniform for all attachments).

APPENDIX (ATTACHMENT) 2

Depending on their content, attachments can be formatted as double-column or single-column. In the case when this allows better visibility for the reader, figures and tables in attachments can be rotated to the left by 90°.

Budapest, Edison Machine Works, Westinghouse Electric Company and Nikola Tesla Laboratories. His particular fields of interest were high frequency fields. Tesla received honorary degrees from institutions of higher learning including Columbia University, Yale University, University of Belgrade and University of Zagreb. He received the Elliott Cresson Medal from the Franklin Institute and the Edison Medal from the IEEE. In 1956, the term “tesla” (T) was adopted as the unit of magnetic flux density in the MKS system of units. In 1975, the Power Engineering Society established the Nikola Tesla Award in his honor. Tesla died on 7 January 1943.

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*Korespondirajući autor: (ime i prezime, telefon)

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