

CURRICULUM VITAE

Personal information

First name / Surname: Elvisa Bećirović

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Mobile: +387 61 216 297

E-mail (business): e.becirovic@epbih.ba

E-mail (private): elvisa.becirovic@gmail.com

Nationality: Bosnia and Herzegovina

Date of birth: 22.09.1980.

Sex: Female

Education

Dates: March 2009 – 14/07/2015

Title of qualification awarded: Dr.sc. – Doctor of science, PhD

Average score of grades: 5.0

Name and type of organization providing education and training: University of Zagreb, Faculty of electrical engineering and computing, Unska 3, Zagreb, Croatia

Title of PhD thesis: Wind power plant control in power system primary frequency regulation based on reference model

Dates: October 2005 – 06/10/2008

Title of qualification awarded: Mr.sc. - Master of science, Filed for Power Engineering

Average score of grades: 9.83

Name and type of organization providing education and training: University of Tuzla, Faculty of electrical engineering, Franjevačka 2, 75000 Tuzla, Bosnia and Herzegovina

Title of MSc thesis: Dynamic response analysis of distributed generators

Dates: September 1999 – 12/01/2005

Title of qualification awarded: Dipl.ing.el. – Graduate Electrical Engineer, Department for Power Engineering

Average score of grades: 9.15

Name and type of organization providing education and training: University of Sarajevo, Faculty of electrical engineering, Zmaja od Bosne b.b. Kampus Univerziteta, 71000 Sarajevo, Bosnia and Herzegovina

Title of graduation thesis: Impact of corona effect on operation of composite polymer insulators



Dates: September 1995 - June 1999

Title of qualification awarded: High school diploma

Average score of grades: 5.0

Name and type of organization providing education and training: Grammar school Konjic, Maršala Tita 80, 88400 Konjic, Bosnia and Herzegovina

Dates: September 1987 - June 1995

Title of qualification awarded: Elementary school diploma

Average score of grades: 5.0

Name and type of organization providing education and training: Second elementary school / „Zvonimir Belša Nono“, Musala br. 1, 88400 Konjic, Bosnia and Herzegovina

Honours and Awards

- Gold plaque of Faculty of electrical engineering Sarajevo, „They are the best 9“
- The best student of generation in high school

Specialist courses

- DigSilent PowerFactory „Stability Analysis with PowerFactory v14.0“, 05.10.-07.10.2009.
- PTI Siemens, Wind Power Technology and Wind Modelling in PSS®E, 16.02.-17.02.2010., Manchester, UK
- PTI Siemens, PSS®E Wind Integration, Wind Integration taking into account future grid codes to PSS®E, 27.10.-29.10.2010., Prague, CZ
- Training on using MAED software tool „e-Training on Future Energy Demand Analysis using MAED Model“, organized by International Atomic Energy Agency - IAEA using web-based technologies 16.04.2012.- 27.04.2012.
- Training on Microsoft Business Intelligence tools for advanced analysts, organized by KING ICT d.o.o., Sarajevo, Bosnia and Herzegovina, 09.05.2016. – 11.05.2016.
- BSN and ETA – European project proposal development training for Horizon 2020, 30.03.-31.03.2015, Sarajevo
- PMI – Project Management Course, December 03-28 2018, Sarajevo, Academy 387
- USAID/USEA SEE DSO WG Distribution Network Planning Software and First Training Workshop using DIGSILENT, March 4-6 2020 Tirana, Albania
- Analysis of finance reports, SYS Company, September 17 2020, Sarajevo,
- FIDIC Module 1 Online Training, September 21-24 2020, online
- Training of presidents and members of supervisory boards and boards of business companies with the participation of state capital from the jurisdiction of the Canton of Sarajevo, 2019 (in Bosnian)

Work experience

Dates: 01/06/2016 – Today (sabbatical leave from 20 January 2017 until 20 January 2018)

Occupation or position held:

Leading expert associate for development of distribution system

Leading expert associate for development of supply and trading activity

Name and address of employer: Public power utility Elektroprivreda of Bosnia and Herzegovina
Sarajevo, Vilsonovo šetalište 15, 71000 Sarajevo, Bosnia and Herzegovina

Type of business or sector: Department for strategic development

Main activities and responsibilities:

- Study documents for electricity supply and trading activity
- Technical elaboration and research of new technologies
- Technical reporting
- Preparation of procedures in terms of electricity market activities

Main projects:

- Analysis of load characteristics in electricity distribution network – cooperation with USAID program project management
- Implementation of Meter Data Management system – team member for functional and operational requirements, tailor-made software solution development, preparation of functional specifications, business process documentation, etc.
- Assistance to the DSO implementation in Public power utility Elektroprivreda of Bosnia and Herzegovina – preparation of time plan documents, business process evaluation documents, etc.
- Expert team JP Elektroprivreda BiH d.d. – Sarajevo “Improvement of activities to reduce energy imbalances ” and improvements in tariff methodology for market purposes within supply activities of Elektroprivreda BiH
- Expert team JP Elektroprivreda BiH d.d. – Sarajevo “Requirements for software tools for DSO JP EP BiH for the purpose of planning and analysis” – preparation of functional requirements, business process diagrams and analysis
- Implementation of SCADA/DMS/OMS on distribution network Elektroprivreda BiH – functional and operational requirements, software testing, analysis of the benefits for DSO operator
- Analysis of integration of utility scale PV power plants – current project – preparation of preliminary connection requirement analysis, financial analysis, etc.
- Implementation of power system analysis software tool DigSilent in distribution system operator activity – current project
- Development of business model for installation of PV solar roof plants for active customers of EPBiH – current project

Dates: 12/09/2018 – 13/12/2018 (Casual staff research) EU H2020 MIGRATE project

Dates: 05/03/2018 – 05/06/18 part time

Dates: 16/01/2017 – 17/01/2018 Full time

Occupation or position held: Research associate

Name and address of employer: **The University of Manchester**, Oxford Road Manchester M13 9PL, United Kingdom

Type of business or sector: University, School of Electrical and Electronic Engineering

Main activities and responsibilities:

- Research associate

Main projects:

- *EU H2020 MIGRATE* - Massive integration of power electronic devices
Within this project we performed power system analysis in PowerFactory software for the purpose of development of harmonic propagation methodology analysis in transmission network.

Dates: 01/09/2008–01/06/2016

Occupation or position held: Expert associate for development of distribution network

Name and address of employer: Public power utility Elektroprivreda of Bosnia and Herzegovina Sarajevo, Vilsonovo šetalište 15, 71000 Sarajevo, Bosnia and Herzegovina

Type of business or sector: Department for strategic development

Main activities and responsibilities:

- Mid-term and long-term plans for development of distribution network
- Study documents from the field of distribution network development
- Power system protection studies for distribution network
- Pilot projects of testing new technologies
- Power quality issues
- Standardisation of equipment in distribution networks
- Technical elaboration and research of new technologies

Main projects:

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo, “Long-term development plan for DSO Elektroprivreda BiH – until 2030”, team leader, JP Elektroprivreda BiH d.d. Sarajevo, Sarajevo, Bosnia and Herzegovina, march 2019 – june 2020

Task of this expert team was to prepare a technical study analysis on main long term planning process requirements and criteria for business integration of planning activity.

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo, “Distribution Network Planning and Analysis Software – definition of DSO requirements”, team leader, JP Elektroprivreda BiH d.d. Sarajevo, Sarajevo, Bosnia and Herzegovina, 2019

Task of this expert team was to prepare a technical study analysis on DSO requirements and needs for software for power system analysis (data exchange, need for modelling of distribution network and transmission network operator requirements) taking into account the current IT system and integration requirements. – this is current activity

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo, “Analysis of current state and measures for improvements of identification and localization of electricity network losses of JP Elektroprivreda BiH d.d. – Sarajevo”, JP Elektroprivreda BiH d.d. – Sarajevo, Sarajevo, Bosnia and Herzegovina, March 2013.

Task of this expert team was to prepare a technical study analysis of network losses in electricity distribution network of Elektroprivreda BiH.

- Expert revision team JP Elektroprivreda BiH d.d. – Sarajevo, “Analysis of impacts and definition of guidelines for connection of distributed generators to the distribution network”, JP Elektroprivreda BiH d.d. – Sarajevo, Sarajevo, Bosnia and Herzegovina, March 2016.

We have revised the study analysis on impact of distributed generation on distribution network. Part of this study was an analysis of power quality issues in case of integration of distributed generators (harmonics, flickers, etc.). We also prepared the technical document on grid connection requirements as an updated version of the existing document in our company. It also included requirements related to power quality.

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo, “Analysis of development of MV networks concerning the introduction of 20 kV voltage level”, JP Elektroprivreda BiH d.d. – Sarajevo, Sarajevo, Bosnia and Herzegovina, February 2013.

The project task was to prepare a technical and economic analysis on potentials of introducing a three voltage level concept in electricity distribution network by using a proper methodology. In this study we used the reliability of supply indices as a quantification of power quality issues.

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo “Analysis of implementation of power quality measuring equipment in electricity distribution network”, 2014.

The project task was to analyze the characteristics of measuring equipment of different producers. We have installed the equipment on specific points in distribution network and performed the report analysis. The performed analysis included harmonics and its occurrence in distribution network.

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo, “Long term development plan of Elektroprivreda BiH up to 2030. With Strategic investment plan”, JP Elektroprivreda BiH d.d. – Sarajevo, Sarajevo, Bosnia and Herzegovina, May 2014.

This is an obligatory requirement task given by the regulatory agency and law. Part of this document is the strategic investment plan for electricity distribution. We have performed a benchmarking analysis and also planning of future investments in electricity distribution network. In this document we also analysed the potential benefits of power quality monitoring system.

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo, “Smart Metering/AMR Design and CBA”, JP Elektroprivreda BiH d.d. – Sarajevo, Sarajevo, Bosnia and Herzegovina, March 2015.

This project was coordinated by the WBIF team. Cost Benefit Analysis is a very important part for the full roll-out implementation of the smart metering in distribution network.

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo “Grid connection report of HPP Vranduk” and “Grid connection report of WPP Podveležje”

By using the PSS/E software we performed a grid connection analysis for hydro power plant and wind power plant which are part of investment project of our company. Analysis were also related to grid connection requirements in terms of power quality assessment (harmonics, flickers, voltage drops, etc.).

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo “Implementation of smart metering”

This was a continual task that comprised the preparation of technical documentation, performance analysis, project documentation, etc. software MDM implemented during 2018-2019

Dates: 21/12/2006–01/09/2008

Occupation or position held: Expert associate for distribution network

Name and address of employer: Public power utility Elektroprivreda of Bosnia and Herzegovina Sarajevo, Vilsonovo šetalište 15, 71000 Sarajevo, Bosnia and Herzegovina

Type of business or sector: Department for distribution

Main activities and responsibilities:

- Implementation of procedures and regulatory documents
- Tasks related to electricity distribution network maintenance requirements and activities
- Standardization of equipment in distribution networks
- Cooperation with regulatory agencies

Main projects:

- Preparation of public procurement documentation for electricity distribution network

In this department it was a constant activity – to organize the preparation of technical specifications of specific electricity distribution equipment.

- Grid connection analysis in case of integration of distributed generators

Preparation of the relevant technical and formal documentation by using a proper software tools.

Dates: 01/04/2006–21/12/2006

Occupation or position held: Expert associate for maintenance of distribution network

Name and address of employer: Public power utility Elektroprivreda of Bosnia and Herzegovina
Sarajevo, Vilsonovo šetalište 15, 71000 Sarajevo, Bosnia and Herzegovina

Type of business or sector: Department for distribution

Main activities and responsibilities:

- Tasks related to electricity distribution network maintenance requirements and activities
- Standardization of equipment in distribution networks
- Implementation of procedures and regulatory documents
- Cooperation with regulatory agencies

Main projects:

- Expert team JP Elektroprivreda BiH d.d. – Sarajevo, “Rules and procedures on maintenance of electricity distribution network elements”, JP Elektroprivreda BiH d.d. – Sarajevo, Sarajevo, Bosnia and Herzegovina, March 2007.

Task of this expert team was to prepare a relevant documentation in accordance with laws and other documents on maintenance process in our company.

- Implementation of quality of supply indices in electricity distribution network monitoring and reporting activity.

Benchmarking analysis, reporting on quality of electricity supply indices.

Dates: 01/04/2005–01/04/2006

Occupation or position held: Internship

Name and address of employer: Public power utility Elektroprivreda of Bosnia and Herzegovina
Sarajevo, Vilsonovo šetalište 15, 71000 Sarajevo, Bosnia and Herzegovina

Type of business or sector: Department for distribution

Main activities and responsibilities:

- Tasks related to electricity distribution network maintenance requirements and activities
- Standardization of equipment in distribution networks
- Introduction with company’s system of quality - documentation

Main projects:

- Preparation of the procedures and documentation
- Reporting of regulatory agency

Dates: March 2022 – June 2022

Occupation or position held: Part time lecturer

- Name and address of employer: Sarajevo School of Science and Technology, Hrasnička cesta 3a, 71210 Sarajevo, Bosnia and Herzegovina
- Type of business or sector: Higher education institution
- Main activities and responsibilities: Lecturing on following courses – syllabuses preparation and organization
- Courses:
- Selected topics in electrical engineering EE450

Dates: March 2018 – June 2018

Occupation or position held: Part time lecturer

Name and address of employer: International University of Sarajevo IUS, Hrasnička cesta 15, 71210 Sarajevo / Bosnia and Herzegovina

Type of business or sector: Higher education institution

Main activities and responsibilities: Lecturing on following courses – syllabuses preparation and organization

Courses:

High voltage engineering EE423

Dates: 01/10/2014 – January 2017

Occupation or position held: Part time lecturer

Name and address of employer: Sarajevo School of Science and Technology, Hrasnička cesta 3a, 71210 Sarajevo, Bosnia and Herzegovina

Type of business or sector: Higher education institution

Main activities and responsibilities: Lecturing on following courses – syllabuses preparation and organization

Courses:

Power System Analysis EE460

Fundamentals of electrical engineering EE110

Selected topics in electrical engineering EE450

Dates: October 2014 – March 2015

Occupation or position held: Part time lecturer

Name and address of employer: International Burch University Sarajevo, Francuske revolucije bb,
71210 Sarajevo, Bosnia and Herzegovina,

Type of business or sector: Higher education institution

Main activities and responsibilities: Part time lecturer on courses Distribution systems and
Introduction to electrical engineering

Dates: October 2012– March 2013

Occupation or position held: Part time lecturer

Name and address of employer: Sarajevo School of Science and Technology, Hrasnička cesta 3a,
71210 Sarajevo, Bosnia and Herzegovina

Type of business or sector: Higher education institution

Main activities and responsibilities: Part time lecturer for course Power system analysis EE460

List of published papers:

Paper published in international journals

1. Osmić, J., Kušljugić, M., Bećirović, E., Toal, D., "Analysis of active power control algorithms of variable speed wind generators for power system frequency stabilization," Turkish Journal of Electrical Engineering & Computer Sciences, DOI: 10.3906/elk-1307-193, 2016, pp. 234-246.
2. Bećirović, E., Osmić, J., Kušljugić, M., Perić, N., "Analysis and synthesis of model reference controller for variable speed wind generators inertial support", Journal of Electrical Engineering – Elektrotechnicky casopis, Vol. 66, No. 1, January 2015, pp. 3-10.
3. Bećirović, E., Osmić, J., Toal D., Kušljugić, M., Perić, N., "Analysis and initialization of GE wind turbine control model", Proceedings of 3rd International Conference on Power Science and Engineering, no. SE21, Barcelona, Spain, 2014, published in Applied Mechanics and Materials Vols. 789-790 (2015) pp 1085-1098, doi:10.4028/www.scientific.net/AMM.789-790.1085
4. Avdaković, S., Nuhanović, A., Kušljugić, M., Bećirović, E., "Applications of wavelets and neural networks for classification of power system dynamics events", Turkish Journal of Electrical Engineering and Computer Sciences, Vol. 22, No. 2, March 2014, pp. 327-340. Avdaković, S., Bećirović, E., Nuhanović, A., Kušljugić, M., "Generator Coherency Using the Wavelet Phase Difference Approach", IEEE Transactions on Power systems, Vol. 29, No. 1, January 2014, pp. 271-278.
5. Avdaković, S., Nuhanović, A., Kušljugić, M., Bećirović, E., Turković, E., "Wavelet multiscale analysis of a power system load variance ", Turkish Journal of Electrical Engineering and Computer Sciences, Vol. 21, No. 4, July 2013, pp. 1035-1043.
6. Avdaković, S., Nuhanović, A., Kušljugić, M., Bećirović, E., "Wavelet Analysis of Dynamic Behaviors of the Large Interconnected Power System", International Journal of Scientific and Engineering Research, ID-I015134, IJSER Vol. 3, No. 5, May 2012.

Paper published in national journals

1. Penava S., Bošnjak V., Divković I., Bećirović E., Karadža J., Jahić S., Malkočević Dž., Mutapčić A., Memić A., Hamidović Dž. Čolaković A., "Smart metering in distribution system of JP Elektroprivreda BiH – current state and prospects", BH Elektrotehnika journal, vol. 6, 2012.
2. Bećirović, E., Musić, M., Hasanspahić, N., Avdaković, S., "Smart grid implementation in electricity distribution of Elektroprivreda B&H – requirements and objectives", Balkan Journal of Electrical & Computer Engineering, 4th International Symposium on Sustainable Development (ISSD2013, May 2013), Vol. 2, No. 3, September 2014, pp.100-103.
3. Avdaković, S., Bećirović, E., Hasanspahić, N., Musić, M., Merzić, A., Tuhčić, A., Karadža, J., Pešut, D., Lončarević, A. K., "Long-term forecasting of energy, electricity and active power demand – Bosnia and Herzegovina case study", Balkan Journal of Electrical & Computer Engineering, 4th International Symposium on Sustainable Development (ISSD2013, May 2013), Vol. 3, No. 1, February 2015, pp.11-15.

Paper published in international conference proceedings

1. Y. Zhao, E. Bećirović, J. V. Milanović, „Equivalent Modelling of Wind and PV plants for Harmonic Studies in Power Electronics Rich Transmission Networks, 11th IET APSCOM conference, November 2018. (best student paper award)
2. S. Abdelrahman, M. Wang, J. V. Milanović, E. Bećirović, „Study of harmonic propagation in transmission networks with high penetration of power electronics devices“, IEEE Manchester PowerTech, June 2017.
3. E. Bećirović, M. Čosović, "Machine learning techniques for short-term load forecasting", 4th International Symposium on Environment-Friendly Energies and Applications - EFEA 2016, Belgrade, September 2016.
4. Bećirović, E., Osmić, J., Kušljugić, M., Perić, N., "Design of Model Reference Controller of Variable Speed Wind Generators for Frequency Regulation Contribution," Proceedings of the 2013 International Conference on Environment, Energy, Ecosystems and Development, Venice, Italy, 2013.
5. Musić, M., Bosović, A., Hasanspahić, N., Avdaković, S., Bećirović, E., "Integrated power quality monitoring system and the benefits of integrating smart meters", Proceedings of the 8th international conference-workshop Compatibility and Power Electronics, Ljubljana, Slovenia, 2013, pp. 86-91.
6. Džizić, M., Bećirović, E., Hasanspahić, N., "Electricity consumption characteristics acquisition and definition of load curves – JP Elektroprivreda BiH d.d. Sarajevo", 11th HRO CIGRÉ, Cavtat, Croatia, 2013.
7. Bećirović, E., Osmić, J., Kušljugić, M., Perić, N., "Primary frequency regulation in power systems with large scale integration of wind farms", 10th Symposium on Power System Management, HRO CIGRÉ, November 2012, Opatija, Croatia
8. Musić, M., Bosović, A., Hasanspahić, N., Avdaković, S., Bećirović, E., "Integrated power quality monitoring systems in smart distribution grids ", Proceedings of the 2nd IEEE ENERGYCON Conference & Exhibition, Future Energy Grids and Systems Symp, Florence, Italy, 2012.
9. Bećirović, E., Musić, M., Penava, S., "Implementation of AMR/AMM system: results and plans - Elektroprivreda BiH", Proceedings of the 21th International Conference and Exhibition on Electricity Distribution CIRED 2011, Frankfurt, Germany, 2011.
10. Bećirović, E., Kuzle, I., Kušljugić, M., " A review of wind grid code technical requirements", 9th Symposium on Power System Management, Zadar, November 8 – 10, 2010 HRO CIGRÉ, 2010.

11. Bećirović, E., Kušljugić, M., "Dynamic Response of Distributed Synchronous Generators on Faults in HV and MV Networks ", Proceedings of the 20th International Conference and Exhibition on Electricity Distribution CIREC 2009, ref. 0357, Prague, Czech Republic, 2009.
12. Bećirović, E., Džizić, M., Tepavčević, S. "Quality of Electricity Supply Indices – JP Elektroprivreda BiH ", Proceedings of the 20th International Conference and Exhibition on Electricity Distribution CIREC 2009, ref. 0844, Prague, Czech Republic, 2009.
13. Avdaković, S., Nuhanović, A., Kušljugić, M., Bećirović, E., Musić, M., "Identification of low frequency oscillations in power system ", Proceedings of the International Conference on Electrical and Electronics Engineering ELECO 2009, Bursa, Turkey, pp. 1103-1107.
14. Kušljugić, M., Bećirović, E., "Technical impact of small hydroelectric power plants on distribution network ", 5th conference of MAKO CIGRE, Ohrid, FYRoM, 2007.
15. Tepavčević, S., Džizić, M., Bećirović, E., "Reliability of electricity supply indices in power distribution network – JP Elektroprivreda BiH, Sarajevo "; JUKO CIREC – Second regional conference on electricity distribution, 17.-20. october 2006., Zlatibor – Serbia, 2006.

Paper published in national conference proceedings

1. Penava, S., Bećirović, E., Musić, M., Karadža, J. "Cost-benefit analysis for smart metering implementation - Elektroprivreda B&H experience", 12th conference of BH CIGRE, Neum, Bosnia and Herzegovina, 2015
2. Bećirović, E., Kušljugić, M., Osmić, J., "Dynamic response analysis of power system with integrated wind power plants", 11th conference of BH CIGRE, Neum, Bosnia and Herzegovina, 2013.
3. Hasanspahić, N., Aganović, D., Bosović, A., Bećirović, E., Avdaković, S., Musić, M., "The possibility of power quality monitoring on a designated part of distribution network", 11th conference of BH CIGRE, Neum, Bosnia and Herzegovina, 2013.
4. Hasanspahić, N., Spahić, S., Bećirović, E., Salihović, M., "Analysis of JP Elektroprivreda BiH d.d. sarajevo MV electricity distribution network in terms of implementation of 20 kV voltage", 11th conference of BH CIGRE, Neum, Bosnia and Herzegovina, 2013.
5. Džizić, M., Bećirović, E., Hasanspahić, N., Penava, S., "Electricity load research - Elektroprivreda BiH", 11th conference of BH CIGRE, Neum, Bosnia and Herzegovina, 2013.
6. Bećirović, M. Musić, S. Penava, S. Avdaković Implementation of AMR/AMM system – results and plans Public utility Elektroprivreda BiH d.d. Sarajevo", 10th HRO CIGRE Session, November 6-10, 2011.
7. Mutapčić, A., Bošnjak, V., Bećirović, E., "Pilot project of AMR/AMM system in Elektrodistribucija Zenica", 10th BH CIGRE, September 2011, Sarajevo, Bosnia and Herzegovina
8. Divković, I., Jahić, S., Bećirović, E., Malkočević, Dž., "Pilot project of AMR/AMM system in Elektrodistribucija Tuzla ", 10th BH CIGRE, September 2011, Sarajevo, Bosnia and Herzegovina
9. Bećirović, E., Kušljugić, M., "Dynamic response analysis of synchronous distributed generators", 9th conference of BH CIGRE, 27.09.-01.10.2009., Neum, Bosnia and Herzegovina, 2009.
10. Džananović, I., Bećirović, E., Musić, M., Avdaković, S., Bošnjak, V., "Connection criteria for distributed generation on electric power system with reference to technical recommendation of Elektroprivreda BiH d.d. Sarajevo ", 9th conference of BH CIGRE, 27.09.-01.10.2009., Neum, Bosnia and Herzegovina
11. Kušljugić, M., Bećirović, E., "Over-current protection of power distribution systems with distributed generation ", 8th conference of BH CIGRE, 21.-25. October 2007., Neum, Bosnia and Herzegovina
12. Džizić, M., Bećirović, E., Tepavčević, S., "Reliability of electricity supply indices in power distribution network – JP Elektroprivreda BiH, Sarajevo ", 8th conference of BH CIGRE, 21.-25. october 2007., Neum, Bosnia and Herzegovina
13. Bećirović, E., Musić, M., Hasanspahić, N., Avdaković, S., "Smart grid implementation in electricity distribution of Elektroprivreda B&H – requirements and objectives", Balkan Journal of Electrical

& Computer Engineering, 4th International Symposium on Sustainable Development (ISSD2013, May 2013), Vol. 2, No. 3, September 2014, pp.100-103.

14. A. Hadžić, N. Dautbašić, T. Konjić, E. Bećirović, Prognoza dnevnog dijagrama opterećenja primjenom neuronskih mreža i arima modela, 13th conference of BH CIGRÉ, 17.-21. September 2017.
15. A. Karić, E. Bećirović, E. Vuković, Pojam, značaj i primjena ekoloških (zelenih) javnih nabavki, 15. Savjetovanje BH K/O CIGRE, Neum, 17-20. Oktobar/listopad 2021. godine
16. E. Bećirović, Okvir djelatnosti distribucije sa aspekta planiranja, 2. Savjetovanje BH K/O CIREĐ, 25-27 oktobar 2020
17. E. Bećirović, A. Aščerić, L. Kapdižić, E. Pajić, Informatizacija aktivnosti održavanja EEO na nivou djelatnosti distribucije – primjer JP Elektroprivreda BiH, 3. Savjetovanje BH K/O CIREĐ, oktobar 2022.

Association membership:

- IEEE Student Member (2005),
- IEEE Graduate Student Member (2005-2015),
- IEEE Member (2015-2021)
- IEEE Senior Member (2021 – today)
- IEEE Power and Energy Society Bosnia and Herzegovina Chapter chair from 2012
- BH CIGRE member
- International CIGRE member (since 2016.)
- BH CIREĐ – vicepresident

Basic information:

Mother tongue: Bosnian/Serbian/Croatian

Other languages: English, French, Serbian, Croatian

IELTS: English

Understanding - Proficient user C1

Speaking - Proficient user C1

Writing - Proficient user C1

Self-assessment: French

Understanding - Basic user A2

Speaking - Basic user A2

Writing - Basic user A2

Self-assessment: German

Understanding - Basic user A1

Speaking - Basic user A1

Writing - Basic user A1

Certificates:

- Impress centre, 1999, C2, English
- Soros school for foreign languages, A2, French
- Barbados school for foreign languages, A1, German

Communication skills:

- good communication skills and adjustments to multicultural environment networking ability
- initiative in organization
- team work spirit

Organization/managerial skills:

- managerial spirit
- personal/private engagement on management business
- organization of student volunteering projects
- organization of professional events

Job related skills:

- experience in leading of expert teams
- good knowledge on company's system of quality
- writing of technical reports and technical studies

Digital competences:

- Microsoft Office
- Microsoft and Oracle Business Intelligence tools
- PowerFactory DigSILENT
- PSS/E
- Matlab
- Matlab PSAT – Power System Analysis toolbox
- PowerCAD – Software tool for analysis of HV/MV electricity networks
- WINDis – Software tool for analysis of LV electricity networks
- MAED – Model for Analysis of Energy Demand
- WASP
- AutoCad
- Corel

Other skills:

- Reading and writing
- Volunteering
- Marketing campaigns for companies
- Web design
- Social media marketing

Driving licence: B category

Additional information:

Personal professional interests:

- Power system stability
- Electricity market organization
- Power Quality
- Integration of renewable energy sources
- Smart grids

Other:

- Member of Local Organizing Committee for IEEE PES ISGT 2018 EUROPE conference, October 22-25 Sarajevo, Bosnia and Herzegovina
- Member of local organizing committee for 2nd and 3rd BH CIRED conference, Mostar Bosnia and Herzegovina
- Situaciona analiza investicionog okvira za solarnu energiju u Bosni i Hercegovini, UNDP Nacionalni konsultant, SOLARCET projekat, April 2022.
- Monografija: 30 godina rada Bosanskohercegovačkog komiteta Međunarodnog vijeća za velike električne sistem CIGRE, Sarajevo 2022.

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