

JELENA STOJKOVIC

M.Sc.E.E., Teaching and Research Assistant

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EDUCATION

Ph.D. candidate in Power Systems

Faculty of Electrical Engineering, University of Belgrade
Department: Power Systems

Oct 2015 – Ongoing

PhD field of research: Smart Grids, Renewable Energy Integration, Demand Response

M.Sc. in Electrical Engineering and Computing

Faculty of Electrical Engineering, University of Belgrade
Department: Power Systems

Oct 2014 – Oct 2015

GPA: 10.00 (out of 10.00)

Master thesis: Demand Response as Frequency Control Support,
Supervisor: Prof. Nikola Rajaković.

B.Sc. in Electrical Engineering and Computing

Faculty of Electrical Engineering, University of Belgrade
Department: Power Systems

Oct 2010 – Sept 2014

GPA: 10.00 (out of 10.00) Award for the best graduated student on department

Diploma thesis: Optimal power flow using genetic algorithm,
Supervisor: Prof. Nikola Rajaković. Best Graduation Thesis Award

WORK EXPERIENCE

Teaching and research assistant

Power Systems department, Faculty of Electrical Engineering,
University of Belgrade

October 2014 – Ongoing Belgrade, Serbia

Research stay

TU Vienna, Institute of Energy Systems and Electrical Drives

July 2016 – October 2016 Vienna, Austria

Research internship

TU Dresden, Institute for Electrical Machines and Drives

July 2014 – August 2014 Dresden, Germany

Power System Intern

ED Jugoistok

February 2014 – Mart 2014 Vladicin Han, Serbia

AWARDS



Award for the Best Master Thesis for academic year 2014/2015 in the field of Power Engineering, PU Masinogradnja, Serbia 2015



ETF BAFA Best Graduation Thesis Award for academic year 2013/2014 in School of Electrical Engineering, University of Belgrade 2014



Prof. Mirko Milić award for the best student in class at the Faculty of Electrical Engineering, University of Belgrade 2014



Siemens Belgrade Prize for the best graduate on the module Power Engineering at the School of Electrical Engineering 2014



School of Electrical Engineering award for the best student on the module Power Engineering 2011 - 2014



1st prize in Power System Analysis at Elekrijada (Regional students' competition) 2014



3rd prize in Renewable Energy Sources at Elekrijada 2014 (Regional students' competition) 2014



2nd prize in Electrical Machines at Elekrijada 2013 (Regional students' competition) 2013

PROJECTS

Smarter Grid

Public Enterprise Elektromreža Srbije - Serbian transmission company

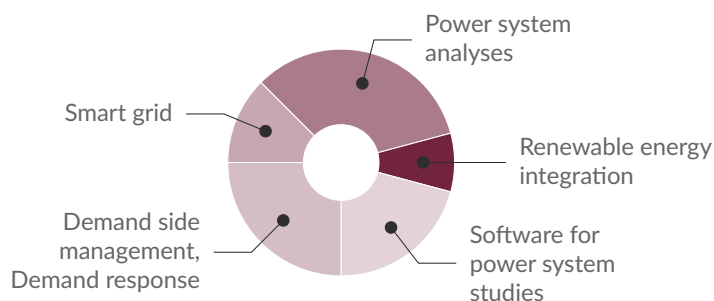
📅 Mart 2015 – December 2016 📍 Serbia

- Possible benefits of using demand response in Serbian transmission network

INTERNATIONAL EXPERIENCE

- Course: INCREASE Summer School, Ljubljana, Slovenia, May 2016
- Course: From forest to green energy - Supply chain, "Transilvania" University of Brasov, Romania, July 2015
- Seminar: Smart Energy for Better World, ABB Krakow, Poland, June 2014
- Course: Energetic Opportunities and Ecological Threats, Ecole Supérieure d'Electricité, France, Mart 2014
- Course: Renewable Energy - Solar Energy, Middle East Technical University, Turkey, September 2013

FIELDS OF EXPERTISE



PUBLICATIONS

📄 Journal Articles

- Škrbić, B., J. Stojković, and G. Dobrić (2016). "Load decomposition in the household sector using the artificial neural network technique (in Serbian)". In: *Energy, Economy, Ecology*, pp. 140–148.
- Stojković, J. and N. Rajaković D. Šošić (2014). "Optimal power flow using classic genetic algorithm (in Serbian)". In: *Energy, Economy, Ecology*, pp. 62–66.

👥 Conference Proceedings

- Šošić, D. and J. Stojković (2014). "Optimal power flow using modified genetic algorithm (in Serbian)". In: *International Scientific – Professional Symposium INFOTEH® – JAHORINA 2014, Vol. 13, Ref. ENS-1-1*, pp. 160–167.

OTHER SKILLS

- Soft skills and seminars:

Fundamentals of Leadership
Career Management Motivation
Introduction to Project Management
Written Communication in Business
Time Management Presentation Skills
Fundamentals of Leadership
Constructive Criticism – Feedback
Logical Structuring

- Computer skills:

MS Office AutoCAD C
Matlab and Simulink Powerworld
DIgSILENT PowerFactory

- Personality:

hardworking well organized
communicative team player

- Driving license:

Category B

LANGUAGES

English ●●●●●

German ●●●●●

Spanish ●●●●●

Serbian ●●●●●

REFEREES

Prof. Nikola Rajakovic

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✉ Faculty of Electrical Engineering,
University of Belgrade, Bulevar kralja
Aleksandra 73, 11120 Belgrade, Serbia

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- Stojković, J., D.Milošević, and D. Šošić (2015). "Optimal load management in households equipped with PV systems using genetic algorithm". In: *International Conference on Energy and Environment: bringing together Engineering and Economics (ICEE 2015)*. Guimaraes, Portugal, pp. 160–167.
- Stojković, J. and N.Rajaković (2016). "Demand as frequency controlled reserve in isolated systems (in Serbian)". In: *International Scientific – Professional Symposium INFOTEH® – JAHORINA 2016, Vol. 15, Ref. ENS-1-7*, pp. 160–167.
- Stojković, J. and N. Rajaković (2016). "DEMAND RESPONSE FOR FREQUENCY CONTROL IN AN INTERCONNECTED POWER SYSTEM)". in: *MedPower2016*. Belgrade, Serbia, pp. 160–167.
- Stojković, J. and D. Šošić (2015). "Load shifting in households - effects on consumers and system (in Serbian)". In: *International Scientific – Professional Symposium INFOTEH® – JAHORINA 2015, Vol. 14, Ref. ENS-2-4*, pp. 166–171.